





Eph. Astr.  
76<sup>m</sup> 4°  
71

Mittheilungen











*Eph. Astr.*

*76 m*

# ASTRONOMISCHE MITTHEILUNGEN

VON DER

## KÖNIGL. STERNWARTE

### ZU GÖTTINGEN.

HERAUSGEGEBEN

VON DER

## KÖNIGLICHEN GESELLSCHAFT DER WISSENSCHAFTEN

### ZU GÖTTINGEN.

### ERSTER THEIL.

GÖTTINGEN 1869.

VERLAG VON ADALBERT RENTE.

*87c*



*Ephe. Ast.*

*1870*

*Antiquar.*

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ASTRONOMISCHE MITTHEILUNGEN

VON DER

KÖNIGL. STERNWART

ZU GÖTTINGEN

HERAUSGEGEBEN

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KÖNIGLICHEN GESELLSCHAFT DER WISSENSCHAFTEN

ZU GÖTTINGEN

ERSTER THEIL

GÖTTINGEN 1868

VERLAG VON ADALBERT FRIEDRICH



# ASTRONOMISCHE MITTHEILUNGEN

VON DER

## KÖNIGL. STERNWARTE

### ZU GÖTTINGEN.

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GÖTTINGEN 1869.

VERLAG VON ADALBERT RENTE.



# MITTLERE OERTER

der

in den Zonen  $-0^{\circ}$  und  $-1^{\circ}$  der Bonner Durchmusterung

enthaltenen

# STERNE

bis zu  $9^m0$  Grösse beobachtet und auf 1875.0 reducirt

von

**Dr. Ralph Copeland und Dr. Carl Börgen,**

Assistenten der Königl. Sternwarte zu Göttingen.

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GÖTTINGEN 1869.

VERLAG VON ADALBERT RENTE.

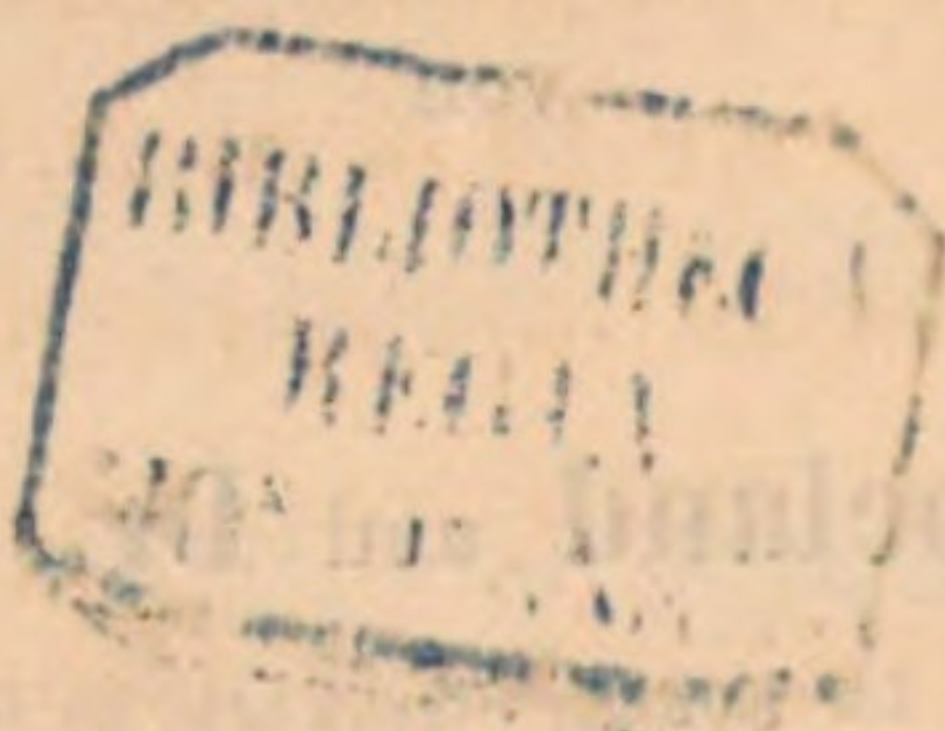


NEUN MITTLERE OERTER

in den Zonen 0° und 1° der Bonner Durchmusterung

STERNE

bis zu 9<sup>ter</sup> Größe beobachtet und auf 1875.0 reduziert



Dr. Ralph Copeland

GÖTTINGEN 1888

Verlag von Adalbert Jentke



den Sterne, welches in dem dritten Heft des II. Jahrgangs der Vierteljahrsschrift der Astr. Gesellschaft erschien, abzuwarten, weiter zu gehen und die Fundamentalesterne der Neapolitanischen Sternwarte zu beobachten. Wir hoffen, dass diese Abweichung von dem Plan der vorliegenden Catalog nicht weniger zureichend und brauchbar machen werde, als die andern auf den erwähnten Sternen beruhenden, die man in einigen Jahren zu erwarten haben wird. Ein Vorwort der unsere Arbeit betrifft ist der, dass wir voraussetzen, haben die Beobachtung der geringen Zahl der Bessel'schen und Landau'schen.

§. 1.  
Im Sommer des Jahres 1867 fassten wir den Beschluss die Sterne, welche in den Zonen  $-1^0$  und  $-0^0$  der Bonner Durchmusterung bis zur  $9^m0$  incl. enthalten sind an dem Reichenbach'schen Meridiankreise der hiesigen Sternwarte einmal in jeder Lage zu beobachten.

Herr Prof. Klinkerfues räumte uns mit der grössten Zuvorkommenheit den Kreis zum Gebrauch ein, sobald derselbe nach Vollendung der Längenbestimmung zwischen Göttingen und Leipzig disponibel wurde. Nachdem das Verzeichniss der genäherten mittleren Oerter der Sterne für 1868.0 vollendet war, konnten wir die Beobachtungen am 2. Juni beginnen und sind dieselben in 131 Nächten, deren letzte auf den 14. Januar 1869 fällt vollendet worden. Der Plan war in möglichstem Anschluss an die, auf der Astronomenversammlung in Leipzig 1865 in Aussicht genommene, Beobachtung der Sterne bis zur 9.0 Grösse des ganzen nördlichen Himmels, zu verfahren und weil damals noch kein Programm für dieselbe veröffentlicht war, wandten wir uns an Herrn Prof. Bruhns mit der Bitte, uns von dem in Leipzig bei den ähnlichen dort angestellten Beobachtungen befolgten Plan Kenntniss zu geben, welcher Bitte mit grosser Bereitwilligkeit entsprochen wurde. Soweit es die Rücksicht auf unser Instrument gestattete, nahmen wir den Leipziger Plan an. Als im 4. Heft des II. Jahrgangs der Vierteljahrsschrift der Astron. Gesellschaft, das auf der Versammlung in Bonn festgestellte Programm für diese Beobachtungen erschien, sahen wir mit Freude, dass unser Verfahren ein dem dort vorgeschlagenen ganz ähnliches war.

Da wir unsere Arbeit nicht aufzuschieben wünschten, waren wir jedoch gezwungen, ohne das Verzeichniss der als Fixpunkte zu benutzen-



den Sterne, welches in dem dritten Heft des II. Jahrgangs der Vierteljahrsschrift der Astr. Gesellsch. erschien, abzuwarten, weiter zu gehen und die Fundamentalsterne des Nautical Almanac zu gebrauchen. Wir hoffen, dass diese Abweichung von dem Plane den vorliegenden Catalog nicht weniger zuverlässig und brauchbar machen werde, als die andern auf den erwähnten Sternen beruhenden, die man in einigen Jahren zu erwarten haben wird. Ein Vorwurf, der unsere Arbeit trifft ist der, dass wir versäumt haben, die Beobachtung der geringen Zahl der Bessel'schen und Lalande'schen Sterne, welche schwächer als 9.0 Gr. sind in unsern Plan aufzunehmen; es diene zu unserer Entschuldigung, dass wenigstens der Haupttheil desselben consequent durchgeführt worden ist. Wegen der definitiven Epoche des Catalogs wendeten wir uns wieder an Herrn Prof. Bruhns, der uns das Jahr 1875 als die, für die Leipziger Zonen beabsichtigte, Epoche bezeichnete und haben wir im Einklang damit dieses Jahr angenommen.

#### §. 2.

Der Reichenbach'sche Meridiankreis wurde im Jahre 1819 aufgestellt und hat ein Fernrohr von 4 Zoll Oeffnung und 5 Fuss P. M. Focallänge\*). In seinem Focus sind 9 Fäden in 3 Gruppen zu je 3 aufgespannt, deren Abstände vom Mittelfaden im Aequator ungefähr:

| I               | II              | III             | IV             | VI             | VII             | VIII            | IX              |
|-----------------|-----------------|-----------------|----------------|----------------|-----------------|-----------------|-----------------|
| 38 <sup>s</sup> | 29 <sup>s</sup> | 21 <sup>s</sup> | 8 <sup>s</sup> | 8 <sup>s</sup> | 21 <sup>s</sup> | 30 <sup>s</sup> | 38 <sup>s</sup> |

betragen. Faden I ist der dem Kreise zunächst liegende. Die angewandte Vergrösserung war eine 126 fache. An dem einen Ende seiner Umdrehungsaxe trägt das Instrument einen von 3' zu 3' getheilten Kreis, welcher früher durch 4 Nonien, jetzt durch 4 an einem, aus hohlen messingnen Röhren zusammengesetzten, Träger befestigte Microscope abgelesen wird. Die Parallelfäden der Microscope erlauben eine sehr grosse Genauigkeit der Einstellung. Der Werth einer Windung beträgt ca. 24" und sind die Trommeln in 100 Theile getheilt. Die Neigung

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\*) Eine eingehende Beschreibung des Meridiankreises, bald nach seiner Aufstellung findet man von Gauss in den Gött. gel. Anz. 1819. p. 167 und in den Memoirs of the R. A. S. Vol. I p. 129.



der unteren horizontalen Röhre gegen den Horizont, wird durch eine sehr empfindliche ( $1^p = 1''36$ ) Hängelibelle, die auf eine an die Röhre befestigte Stahlstange angehängt wird, bestimmt. Der Werth einer Umdrehung der Microscope wurde mehrmals bestimmt, jedoch nur geringe Abweichungen gefunden, die in Rechnung gezogen sind. Im Anfang des Februar 1868, wurde das bisherige Microscop I mit Microscop IV vertauscht, weil letzteres einen mit dem von III näher übereinstimmenden Schraubenwerth hat.

Die Neigung der Umdrehungsaxe wurde durch ein feines Repsold'sches Niveau ( $1^p = 1''78$ ) bestimmt, während durch ein Bohnenberger'sches Ocular mit Hülfe der Neigung der Collimationsfehler ermittelt wurde.

### §. 3.

Der bei den Beobachtungen befolgte Plan war nun folgender:

Es waren stets beide Beobachter betheiligt, einer blieb am Fernrohr, während der andere einstellte und die Microscope ablas. Wir haben die Sterne nach der Rectascension in folgender Weise unter uns vertheilt:

|                                                 |                                                 |
|-------------------------------------------------|-------------------------------------------------|
| 0 <sup>h</sup> — 2 <sup>h</sup> incl.: Copeland | 15 <sup>h</sup> — 18 <sup>h</sup> incl.: Börgen |
| 3 — 10 „ Börgen                                 | 19 — 23 „ Copeland.                             |
| 11 — 14 „ Copeland                              |                                                 |

An jedem Beobachtungsabende wurden mindestens 4 Fundamentalsterne des Nautical Almanac, welche zwischen  $+10^0$  und  $-10^0$  der Decl. gewählt wurden, und ein Polstern (meistens  $\alpha$  und  $\delta$ , seltener  $\lambda$ ,  $\epsilon$  und  $\beta$  Ursae minoris) beobachtet. Die Rectascensionen dieser Sterne dienten zur Ermittlung der Uhr correction und des Azimuths des Instruments, während die Declinationen eine Bestimmung des Aequatorpunktes des Kreises gaben. Die Neigung der Umdrehungsaxe wurde, wie schon erwähnt, durch ein Repsold'sches Niveau gefunden und um dies Element um so sicherer zu erhalten wurde in 4 verschiedenen Lagen des Objectivs (Nord und Süd über und unter den Horizont um die Aequatorhöhe geneigt) vollständig nivellirt, also 8 Ablesungen jedes Endes der Blase gemacht. Der Collimationsfehler wurde mit Hülfe eines sehr stark vergrößernden Bohnenberger'schen Oculareinsatzes durch 5malige Repetition bestimmt, und zeigte sich von einer bemerkenswerthen Constanz.



Die Fundamentalsterne wurden an allen 9 (später, nachdem Faden I gerissen war, an 8) Fäden beobachtet während die Zonensterne meist an 5, selten an weniger oder mehr Fäden notirt wurden.

Der Kreis wurde an 2 gegenüberliegenden Microscopen (I und III) abgelesen und durch öfteres Nivelliren die Neigung der horizontalen Stange des Trägers bestimmt, wobei darauf geachtet wurde, dass der Microscopen-träger eine geraume Zeit (mindestens 5<sup>m</sup>) lang nicht berührt, auch das Fernrohr nicht gedreht worden war, weil bei aller Festigkeit des Trägers ein Mitschleppen bei Drehung des Fernrohrs nicht zu verkennen war, wodurch die Niveauablesung unsicher gemacht werden konnte. Barometer (von Rumpf nach Fortin'scher Construction) und Thermometer (von Dancer in Manchester) wurden anfangs jede Stunde, später jede halbe Stunde abgelesen.

#### §. 4.

Die Berechnung der Zeitbestimmungen sei uns gestattet etwas ausführlicher zu beschreiben, da wir eine Methode befolgt haben, die wie es scheint bei den vorliegenden Beobachtungen zum ersten Male zur ausgedehnteren Anwendung gekommen ist. Es ist die von Klinkerfues in den Astr. Nachr. Nr. 1015 mitgetheilte Gauss'sche. Das Eigenthümliche derselben besteht darin, dass durch Einführung der halben Polardistanz eine Umformung der Tob. Mayer'schen Formel ermöglicht wird, bei der nur eine trigonometrische Function (die tang) gebraucht wird.

Es sei  $i$  die Neigung der Umdrehungsaxe,  $c$  der Collimationsfehler,  $a$  das Azimuth der optischen Axe des Fernrohrs, alle positiv gerechnet, wenn diese Fehler zu der beobachteten Durchgangszeit durch den Mittelfaden nach Anbringung der Uhr correction, addirt werden müssen, um die Rectascension zu geben. Dann hat man nach Bessel's Umformung der bekannten Formel von Tobias Mayer; wenn man setzt:

$$m = i \cos \varphi + a \sin \varphi$$

$$n = i \sin \varphi - a \cos \varphi$$

$$\alpha = t + \Delta t + m + n \tan \delta + c. \sec \delta$$

worin  $\alpha$  die  $AR$ ,  $\delta$  die Decl. des \*,  $\varphi$  die Polhöhe des Beobachtungsorts



tes  $t$  und  $\Delta t$  die beobachtete Uhrzeit des Durchgangs durch den Mittelfaden und die Uhr correction bedeuten. Führt man nun statt der Declination die Polardistanz  $p$  ein, so erhält man nach einigen leichten Umformungen für O. C.:

$$\alpha = t + \Delta t + m + C \cot \frac{1}{2} p + T \operatorname{tg} \frac{1}{2} p$$

worin:

$$C = \frac{1}{2}(c + n)$$

$$T = \frac{1}{2}(c - n)$$

Für U. C. hat man nur  $p$  negativ zu nehmen;  $c$  und  $i$  sind durch Nivelliren und Anwendung des Bohnenbergers bekannt. Um nun  $C$  und  $T$  zu finden, braucht man nur einen Polstern und einen Aequatorealstern zu beobachten, und wollen wir für den ersteren zur Unterscheidung das  $\alpha$ ,  $t$  und  $p$  mit einem Accent versehen.

Steht derselbe dem Pole sehr nahe wie  $\lambda$ ,  $\alpha$ ,  $\delta$ ,  $\epsilon$  Ursae minoris, so wird  $\cot \frac{1}{2} p'$  sehr gross und  $\operatorname{tg} \frac{1}{2} p'$  sehr klein; man wird daher unbedenklich  $T \operatorname{tg} \frac{1}{2} p'$  vernachlässigen können und erhält

$$\alpha' = t' + \Delta t + m + C \cot \frac{1}{2} p'$$

Einen Näherungswerth für  $\Delta t + m$  hat man durch die Beobachtung des Aequatorealsterns, nemlich:

$$\Delta t + m = \alpha - t$$

Dies eingesetzt erhält man:

$$C \cot \frac{1}{2} p' = (\alpha' - t') - (\alpha - t)$$

und hieraus, mindestens sehr genähert;

$$C = [(\alpha' - t') - (\alpha - t)] \operatorname{tg} \frac{1}{2} p'$$

und wird man nur in den seltensten Fällen eine Verbesserung dieses Werths von  $C$  nöthig haben.

Hat man  $C$ , so findet sich:

$$T = c - C \text{ und}$$

$$n = C - T = 2C - c$$

Will man keine absolute Zeitbestimmung, sondern beobachtet man nur Rectascensionsdifferenzen, so genügt es die Werthe von  $C$  und  $T$  zu kennen, zu denen man auf diese einfache Weise gelangt. Wünscht man dagegen den Stand der Uhr absolut zu kennen, so ist es noch nöthig das  $m$  zu berechnen, welches durch die Formel



gegeben wird.  $m = i \sec \varphi - n \operatorname{tg} \varphi$

Das Azimut  $a$ , wenn man dessen Werth wünscht, findet sich durch:

$$a = i \operatorname{tg} \varphi - n \sec \varphi$$

und man hat zur Controle:

$$m^2 + n^2 = a^2 + i^2.$$

Hat man einen Polstern beobachtet, der so weit vom Pol entfernt ist, dass eine Vernachlässigung von  $\operatorname{tg} \frac{1}{2} p'$  bedenklich erscheint, so kann man  $C$ , entweder durch successive Näherung, oder durch die Formel:

$$C = \frac{(\alpha' - t') - (\alpha - t) - c(\operatorname{tg} \frac{1}{2} p' - \operatorname{tg} \frac{1}{2} p)}{(\cot \frac{1}{2} p' - \cot \frac{1}{2} p) - (\operatorname{tg} \frac{1}{2} p' - \operatorname{tg} \frac{1}{2} p)}$$

erhalten.

Für eine Zone, wo man für jeden Fundamentalstern  $\cot \frac{1}{2} p$  mit  $\operatorname{tg} \frac{1}{2} p$  berechnet hat, welche sich auch, sollte diese Art der Berechnung der Zeitbestimmungen mehr in Aufnahme kommen, sehr leicht den Jahrbüchern einfügen liessen, ist diese Form unstreitig die bequemste.

In unserm Falle geschah die Berechnung einer Zeitbestimmung nun so, dass zuerst alle Sterne mit einem angenommenen Gang der Uhr auf das Mittel der Rectascensionen der Aequatorialsterne reducirt wurden. Sodann wurden die  $\alpha - t$  gebildet und  $\alpha' - t' - (\alpha - t)$  für jeden Stern berechnet; aus diesen Einzelwerthen das Mittel genommen, und das  $C$  gefunden, woraus sich  $T$ ,  $n$  und  $m$  fanden. Das  $m$  wäre natürlich für unseren Hauptzweck überflüssig gewesen, mancher Nebenbeobachtung wegen war jedoch öfter eine absolute Zeitbestimmung nöthig und es wurde daher stets mit berechnet. Nachdem so die Instrumentalcorrectionen bekannt geworden waren, wurden sie an die ursprünglich beobachteten Zeiten angebracht und aus den so gefundenen einzelnen Zeitbestimmungen der stündliche Gang der Uhr für den Abend abgeleitet.

#### §. 5.

Die Reduction auf den mittleren Ort theilten wir uns ebenso wie die Beobachtungen, nemlich so, dass derjenige, welcher die Durchgänge beobachtet hatte, diese auch reducirt, während der andere, der den Kreis ab-



gelesen hatte, die Declinationen bearbeitete. Die Reduction auf den Anfang des Jahres 1867 wurde dann auf folgende Weise vorgenommen.

Es wurden von  $\frac{1}{2}$  zu  $\frac{1}{2}$  Stunde Tafeln berechnet, welche für  $\delta = -1^0$  und  $\delta = -2^0$  die Grössen  $k$  und  $d$  enthielten, deren Ausdrücke sind: für Rectascension:

$$k = \Delta t + m + C \cot. \frac{1}{2} p + T \operatorname{tg} \frac{1}{2} p + Aa + Bb + Cc + Dd$$

für Declination:

$$d = r + s + e + Aa' + Bb' + Cc' + Dd'$$

worin  $A, B, C, D$  die Bessel'schen Constanten nach der Bezeichnung des Nautical Almanac, dem sie entnommen wurden, bedeuten und bekanntlich

$$a = \frac{1}{15} \cos \alpha \sec \delta$$

$$b = \frac{1}{15} \sin \alpha \sec \delta$$

$$c = 3^s.0721 + 1^s.3370 \sin \alpha. \operatorname{tg} \delta$$

$$d = \frac{1}{15} \cos \alpha. \operatorname{tg} \delta$$

sowie:

$$a' = \operatorname{tg} \omega \cos \delta - \sin \alpha \sin \delta$$

$$b' = \cos \alpha \sin \delta$$

$$c' = 20''.0550 \cos \alpha$$

$$d' = -\sin \alpha$$

$$(\omega = \text{Schiefe der Ecliptik})$$

ist.

In der Formel für  $d$  ist  $r$  die Refraction, welche für die halbstündlichen Ablesungen mit den Refractionstafeln im: „Appendix to the Greenwich Observations 1836“, berechnet wurden,  $s$  die durch das Niveau gefundene Neigung der horizontalen Stange des Microscopenträgers,  $e$  die Secunden des Aequatorpunkts des Kreises. Die Grösse  $e$  wurde so gewählt, dass dadurch das  $d$  auf wenige Secunden herabgebracht wurde, während zugleich der, an jeden Stern für sich, anzubringende Theil des Aequatorpunkts nur runde Minuten enthielt. Die für jeden Tag gefundenen Aequatorpunkte wurden wieder in Mittel zusammengefasst, welche alle die Tage umfassen, an denen in derselben Kreislage beobachtet worden ist. Davon sind jedoch folgende Tage, bei denen besondere Umstände mitwirkten, ausgenommen.



1867 Juni 2. Microscopenträger nicht fest genug geklemmt.

„ „ 5. „ nicht nivellirt.

„ Juli 9, 10, 11, 12, 17. Unsicherheit im Nivellement des Microscopenträgers

1868 Januar 24. Sehr kalt.

Es schien aus den angegebenen Gründen nothwendig diese Tage getrennt zu behandeln. Die Zahl der Fundamentalsterne wurde durch einige an diesen Tagen beobachtete Zonensterne vermehrt, welche theils zu dem Zweck öfter beobachtet, theils aus andern Catalogen, namentlich Schjellerup's, entnommen wurden.

Nachdem  $k$  und  $d$  für  $\delta = -1^\circ$  und  $\delta = -2^\circ$  von  $\frac{1}{2}$  zu  $\frac{1}{2}$  Stunde berechnet waren, wurden sie von  $10^m$  zu  $10^m$  interpolirt und die Differenzen

$$k' = k_{-2^\circ} - k_{-1^\circ}$$

$$d' = d_{-2^\circ} - d_{-1^\circ}$$

gebildet, dann hat man, wenn  $t$  die Zeit des Durchganges durch den Mittelfaden,  $\delta$  die mittlere Declination für 1867.0,  $\delta_0$  die, nach Anbringung des abgerundeten Aequatorpunkts, resultirende Declination des Sterns bedeuten:

$$\alpha = t + k + k' \frac{\delta + 1^\circ}{60}$$

$$\delta = \delta_0 + d + d' \frac{\delta + 1^\circ}{60}$$

Die so auf 1867.0 reducirten Beobachtungen wurden dann noch mit Hülfe von besonders zu dem Zweck berechneten Tafeln auf 1875.0 reducirt.

#### §. 6.

Aus der Gesammtheit der Beobachtungen ist der wahrscheinliche Fehler einer derselben abgeleitet worden und wurde gefunden:

$$\text{für } AR = \pm 0^s 084$$

$$\text{„ Decl.} = \pm 0'' 79$$

Es wurde nicht für nöthig gehalten denselben für beide Beobachter getrennt zu berechnen, da gleiche Uebung und völlig gleiches Verfahren beim Beobachten und Reduciren ein völlig gleiches Resultat erwarten liessen.



Zur Vergleichung mögen folgende aus andern Catalogen entnommene Zahlen dienen:

Schjellerup findet in seinem „Stjernefortegnelse“ pag. xvi aus 485 Beobachtungen nördlicher Sterne den w. F. einer Beob.:

$$\text{für } AR = \pm 0^s 0842$$

$$\text{,, Decl.} = \pm 0'' 692$$

und aus 406 Beobachtungen südlicher Sterne:

$$\text{für } AR = \pm 0^s 0835$$

$$\text{,, Decl.} = \pm 0'' 948$$

und im Mittel für den ganzen Catalog:

$$\text{für } AR = \pm 0^s 084$$

$$\text{,, Decl.} = \pm 0'' 82$$

Im 6<sup>ten</sup> Bande der Bonner Beobachtungen S. xii giebt Argelander den w. F. an wie folgt:

I. Helle Sterne (Aequatoreal)

$$\text{für } AR = \pm 0^s 042 \quad \left. \vphantom{\begin{matrix} \text{für } AR \\ \text{,, Decl.} \end{matrix}} \right\} 863 \text{ Beob.}$$

$$\text{,, Decl.} = \pm 0'' 60$$

II. Sterne zwischen 8<sup>m</sup>5 und 9<sup>m</sup>1

$$\text{für } AR = \pm 0^s 059 \quad \left. \vphantom{\begin{matrix} \text{für } AR \\ \text{,, Decl.} \end{matrix}} \right\} \text{aus 552 Beob.}$$

$$\text{,, Decl.} = \pm 0'' 64$$

also im Mittel:

$$\text{für } AR = \pm 0^s 049$$

$$\text{,, Decl.} = \pm 0'' 62.$$

§. 7.

Wir haben eine vollständige Vergleichung des vorliegenden Catalogs mit dem von Schjellerup durchgeführt, weil unter den neueren, genaueren Beobachtungssammlungen, dessen Beobachtungsepoche der unseren am nächsten liegt und derselbe am meisten Sterne mit uns gemeinschaftlich hat. Das Resultat dieser Vergleichung ist:

$$C \text{ u. } B - \text{Schj.} \quad \left\{ \begin{array}{l} \text{in } AR = -0^s.005 \\ \text{in Decl.} = -0''.80 \end{array} \right.$$



Die Vergleichung selbst findet sich am Schluss dieser Einleitung zusammengestellt. Sie ist so ausgeführt worden, dass beiderseits die Mittel aus den angegebenen Positionen genommen wurden.

Die Differenz in Decl. ist grösser als erwartet wurde und stellt sich mit grosser Evidenz heraus. Man wird wohl kaum fehlgehen, wenn man dieselbe einem Einfluss des Microscopenträgers zuschreibt.

### §. 8.

Ueber die Einrichtung des Catalogs ist nicht viel zu sagen, da sie sich nur wenig von der anderer Cataloge unterscheidet. Es ist nur zu bemerken, dass die Aufeinanderfolge der Sterne so ist, dass die Beobachtung bei Kreislage W. zuerst gesetzt ist. Sind mehrere Beobachtungen in derselben Lage vorhanden, so ist die Reihenfolge der Zeit nach. Es ist in einer Rubrik die Beobachtungsnummer hinzugefügt worden, durch welche es ermöglicht wird aus einer am Schluss der Einleitung befindlichen Tabelle, die eine Uebersicht über die Beobachtungsnächte enthält, das Datum der Beobachtung zu ermitteln.

Ganz am Schluss dieser Einleitung findet man die Grössen  $a, b, c, \dots$ , welche zur Reduction auf den scheinbaren Ort dienen, tabellarisch zusammengestellt, wobei zu bemerken ist, dass die Bedeutung derselben die im Nautical Almanac angewendete ist. Für den Gebrauch der Pulkovaer Tafeln: Tabulae Quantitatum Besselianarum müssen also  $a, b$  mit  $c, d$  und  $a', b'$  mit  $c', d'$  vertauscht werden. Eine weitere Interpolation der logg. schien unnütz, weil sich dieselbe viel bequemer an der Reduction auf den scheinbaren Ort selbst ausführen lässt. Die Vorzeichen neben den logg. beziehen sich natürlich auf die zugehörigen Zahlen.

Es bleibt uns noch die angenehme Pflicht zu erfüllen übrig, den Herren, welche uns bei dieser Arbeit mit Rath und That beigestanden haben, namentlich unserm verehrten Lehrer Herrn Prof. Klinkerfues, sowie Herrn Prof. Bruhns in Leipzig und den Mitgliedern der hiesigen hohen königl. Societät der Wissenschaften und deren Secretair Herrn Geh. Ober-Medicinalrath Prof. Wöhler unsern verbindlichsten Dank auszusprechen.

Göttingen 1869 im Juni.

R. Copeland und C. Börgen.



## I. Uebersicht der Beobachtungs-Nächte:

| Nr | Datum     | Beobach-<br>tungs Nr | Kreislage   | Beobachter | Wetter                                  | Nr | Datum     | Beobach-<br>tungs Nr | Kreislage | Beobachter | Wetter              |
|----|-----------|----------------------|-------------|------------|-----------------------------------------|----|-----------|----------------------|-----------|------------|---------------------|
| 1  | 1867 Juni | 2                    | 1 bis 56    | W. B.      | Gut.                                    | 53 | Octob. 15 | 1804 bis 1866        | W. C.     |            | Klar, später trüb.  |
| 2  | "         | 5                    | 57 " 106    | " "        | Wechselnd.                              | 54 | " 21      | 1867 " 1982          | " "       |            | Sehr gut.           |
| 3  | "         | 16                   | 107 " 126   | " "        |                                         | 55 | " 23      | 1983 " 2028          | " "       |            | Am Schluss Nebel.   |
| 4  | "         | 17                   | 127 " 143   | " "        |                                         | 56 | Novbr. 14 | 2029 " 2031          | O.        |            | Trüb.               |
| 5  | "         | 19                   | 144 " 149   | " "        |                                         | 57 | " 15      | 2032 " 2055          | " "       |            |                     |
| 6  | "         | 20                   | 150 " 193   | " "        |                                         | 58 | " 27      | 2056 " 2092          | " "       |            |                     |
| 7  | "         | 22                   | 194 " 263   | " "        |                                         | 59 | " 30      | 2093 " 2106          | " "       | B.         |                     |
| 8  | "         | 23                   | 264 " 305   | " "        |                                         | 60 | Decbr. 4  | 2107 " 2158          | " "       | C.         | Klar, später trüb.  |
| 9  | "         | 26                   | 306 " 339   | " "        |                                         | 61 | " 13      | 2159 " 2188          | " "       |            | {Viele leichte Wol- |
| 10 | "         | 28                   | 340 " 342   | " "        |                                         |    |           |                      |           |            | ken.                |
| 11 | "         | 30                   | 343 " 369   | " "        |                                         | 62 | " 21      | 2189 " 2233          | " "       |            | {Anfangs klar, spä- |
| 12 | Juli      | 9                    | 370 " 375   | " C.       |                                         |    |           |                      |           |            | ter wechselnd.      |
| 13 | "         | 10                   | 376 " 382   | " "        |                                         | 63 | " 24      | 2234 " 2271          | " B.      |            | {Später etwas dun-  |
| 14 | "         | 11                   | 383 " 396   | " "        |                                         |    |           |                      |           |            | stig.               |
| 15 | "         | 12                   | 397 " 404   | " "        |                                         | 64 | " 25      | 2272 " 2339          | " C.      |            | Sehr schön.         |
| 16 | "         | 17                   | 405 " 411   | O. "       |                                         | 65 | " 26      | 2340 " 2444          | W. "      |            | Sehr klar.          |
| 17 | "         | 20                   | 412 " 459   | " B.       |                                         | 66 | " 31      | 2445 " 2468          | " "       |            | Wechselnd.          |
| 18 | "         | 21                   | 460 " 479   | " "        |                                         |    | 1868      |                      |           |            | {Klar und kalt.     |
| 19 | "         | 22                   | 480 " 504   | " C.       |                                         | 67 | Januar 1  | 2469 " 2491          | " "       |            | {Niedrigste Temp.   |
| 20 | "         | 24                   | 505 " 535   | " "        |                                         |    |           |                      |           |            | {+ 3° F.            |
| 21 | "         | 27                   | 536 " 550   | " "        |                                         | 68 | " 2       | 2492 " 2513          | O. "      |            | {Klar und kalt      |
| 22 | "         | 28                   | 551 " 581   | " B.       |                                         |    |           |                      |           |            | {Niedrigste Temp.   |
| 23 | Aug.      | 2                    | 582 " 623   | " "        |                                         |    |           |                      |           |            | {+ 8° F.            |
| 24 | "         | 7                    | 624 " 651   | " "        |                                         | 69 | " 16      | 2514 " 2531          | " "       |            | Später trüb.        |
| 25 | "         | 10                   | 652 " 672   | " "        |                                         | 70 | " 21      | 2532 " 2570          | " B.      |            | Meist sehr klar.    |
| 26 | "         | 10                   | 673 " 737   | " C.       |                                         |    |           |                      |           |            | {Klar und kalt.     |
| 27 | "         | 11                   | 738 " 763   | " B.       |                                         | 71 | " 24      | 2571 " 2650          | " "       |            | {Niedrigste Temp.   |
| 28 | "         | 12                   | 764 " 773   | " "        |                                         |    |           |                      |           |            | {+ 8° F.            |
| 29 | "         | 12                   | 774 " 823   | " C.       |                                         | 72 | Febr. 3   | 2651 " 2675          | " "       |            | Wechselnd.          |
| 30 | "         | 13                   | 824 " 842   | " B.       | Klar, aber unruhig.                     | 73 | " 7       | 2676 " 2753          | " "       |            | Anfangs sehr gut.   |
| 31 | "         | 28                   | 843 " 904   | " C.       | Sehr schön.                             | 74 | " 9       | 2754 " 2790          | " "       |            | Wechselnd.          |
| 32 | "         | 29                   | 905 " 950   | " "        | Zuletzt trüb.                           | 75 | " 17      | 2791 " 2861          | " "       |            | Gut.                |
| 33 | "         | 30                   | 951 " 1004  | " "        |                                         | 76 | " 18      | 2862 " 2988          | W. "      |            | Recht schön.        |
| 34 | "         | 31                   | 1005 " 1087 | W. "       |                                         | 77 | " 28      | 2989 " 3067          | " "       |            |                     |
| 35 | Septbr.   | 2                    | 1088 " 1188 | " "        | Ausgezeichnet.                          | 78 | " 29      | 3068 " 3097          | " "       |            |                     |
| 36 | "         | 3                    | 1189 " 1208 | " "        | Etwas trüb.                             | 79 | März 11   | 3098 " 3153          | " "       |            | Etwas dunstig.      |
| 37 | "         | 4                    | 1209 " 1229 | " "        | Sehr wolzig.                            | 80 | " 12      | 3154 " 3202          | " "       |            | Ziemlich gut.       |
| 38 | "         | 5                    | 1230 " 1283 | " "        | {Ab u. zu Wolken,<br>sehr durchsichtig. | 81 | " 13      | 3203 " 3279          | " "       |            | Gut.                |
| 39 | "         | 6                    | 1284 " 1337 | " "        | Wolzig.                                 | 82 | " 14      | 3280 " 3394          | " "       |            | Sehr klar.          |
| 40 | "         | 7                    | 1338 " 1373 | " "        | Wechselnd.                              | 83 | " 18      | 3395 " 3429          | O. "      |            | Ziemlich dunstig.   |
| 41 | "         | 8                    | 1374 " 1436 | " "        | Klar.                                   | 84 | " 19      | 3430 " 3552          | " "       |            |                     |
| 42 | "         | 9                    | 1437 " 1495 | " "        | Sehr gut.                               | 85 | " 20      | 3553 " 3608          | " "       |            | Trüb.               |
| 43 | "         | 12                   | 1496 " 1525 | " "        |                                         | 86 | " 24      | 3609 " 3633          | " "       |            | Wechselnd.          |
| 44 | "         | 13                   | 1526 " 1581 | O. "       |                                         | 87 | " 25      | 3634 " 3766          | " "       |            | {Sehr klar.         |
| 45 | "         | 14                   | 1582 " 1617 | " "        |                                         | 88 | " 25      | 3767 " 3798          | " "       |            |                     |
| 46 | "         | 17                   | 1618 " 1623 | " "        |                                         | 89 | " 30      | 3799 " 3892          | " "       |            | {Sehr klar.         |
| 47 | "         | 18                   | 1624 " 1671 | " "        |                                         | 90 | " 30      | 3893 " 3949          | " "       |            |                     |
| 48 | "         | 20                   | 1672 " 1690 | " "        | Ziemlich klar.                          | 91 | April 2   | 3950 " 4021          | " "       |            | {Sehr klar.         |
| 49 | "         | 21                   | 1691 " 1718 | " "        | Sehr gut.                               | 92 | " 2       | 4022 " 4060          | " "       |            |                     |
| 50 | "         | 27                   | 1719 " 1742 | " "        |                                         | 93 | " 3       | 4061 " 4154          | W. "      |            | Sehr klar.          |
| 51 | Octobr.   | 5                    | 1743 " 1746 | " "        | Viele Wolken.                           | 94 | " 4       | 4155 " 4234          | " "       |            | Sehr klar.          |
| 52 | "         | 14                   | 1747 " 1803 | " "        | Wechselnd.                              | 95 | " 5       | 4235 " 4275          | " "       |            | {Sehr klar.         |
|    |           |                      |             |            |                                         | 96 | " 5       | 4276 " 4369          | " C.      |            |                     |



## I. Uebersicht der Beobachtungs-Nächte:

| N <sup>o</sup> | Datum     | Beobach-<br>tungs N <sup>o</sup> | Kreislage | Beobachter | Wetter                              | N <sup>o</sup> | Datum     | Beobach-<br>tungs N <sup>o</sup> | Kreislage | Beobachter | Wetter                         |
|----------------|-----------|----------------------------------|-----------|------------|-------------------------------------|----------------|-----------|----------------------------------|-----------|------------|--------------------------------|
| 1868           |           |                                  |           |            |                                     | 1868           |           |                                  |           |            |                                |
| 97             | April 7   | 4370 bis 4390                    | O.        | C.         |                                     | 116            | Octobr. 8 | 5403 bis 5504                    | O.        | B.         | Klar.                          |
| 98             | „ 15      | 4391 „ 4487                      | „         | „          |                                     | 117            | „ 9       | 5505 „ 5608                      | „         | „          | Schön.                         |
| 99             | „ 18      | 4488 „ 4601                      | W.        | „          |                                     | 118            | „ 10      | 5609 „ 5679                      | „         | „          | Ewas Nebel.                    |
| 100            | „ 20      | 4602 „ 4639                      | „         | „          |                                     | 119            | „ 21      | 5680 „ 5735                      | „         | „          | Klar.                          |
| 101            | „ 21      | 4640 „ 4690                      | „         | „          |                                     | 120            | „ 22      | 5736 „ 5758                      | „         | „          | {Einzelne Wolken-<br>streifen. |
| 102            | „ 23      | 4691 „ 4779                      | „         | „          | Sehr klar.                          | 121            | „ 27      | 5759 „ 5850                      | W.        | „          | Ziemlich klar.                 |
| 103            | „ 27      | 4780 „ 4790                      | O.        | „          |                                     | 122            | „ 28      | 5851 „ 5880                      | „         | „          | Später bezogen.                |
| 104            | „ 28      | 4791 „ 4934                      | „         | „          | {Anfangs klar, spä-<br>ter bedeckt. | 123            | Novbr. 1  | 5881 „ 6002                      | „         | „          | Zuweilen Wolken.               |
| 105            | Mai 2     | 4935 „ 5027                      | „         | „          |                                     | 124            | „ 19      | 6003 „ 6101                      | „         | „          | Sehr schön.                    |
| 106            | „ 4       | 5028 „ 5073                      | „         | „          | Klar.                               | 125            | „ 20      | 6102 „ 6235                      | „         | „          |                                |
| 107            | „ 5       | 5074 „ 5095                      | „         | „          | Etwas neblich.                      | 126            | Decbr. 12 | 6236 „ 6305                      | „         | „          | Sehr gut.                      |
| 108            | „ 6       | 5096 „ 5135                      | W.        | „          |                                     | 127            | „ 17      | 6306 „ 6376                      | „         | „          | Sehr gut.                      |
| 109            | „ 8       | 5136 „ 5145                      | „         | „          | Klar.                               | 128            | „ 31      | 6377 „ 6400                      | „         | „          | Gut.                           |
| 110            | Aug. 23   | 5146 „ 5147                      | „         | „          |                                     | 1869           |           |                                  |           |            |                                |
| 111            | Septbr. 3 | 5148 „ 5218                      | „         | „          | Schön.                              | 129            | Januar 6  | 6401 „ 6413                      | „         | „          | Ziemlich gut.                  |
| 112            | „ 5       | 5219 „ 5266                      | „         | „          | Schön.                              | 130            | „ 11      | 6414 „ 6513                      | O.        | „          | Sehr klar.                     |
| 113            | „ 6       | 5267 „ 5294                      | „         | „          |                                     | 131            | „ 12      | 6514 „ 6578                      | „         | „          | Klar.                          |
| 114            | „ 7       | 5295 „ 5375                      | O.        | „          | Schön.                              | 132            | „ 13      | 6579 „ 6600                      | „         | „          | Klar.                          |
| 115            | „ 11      | 5376 „ 5402                      | „         | „          | Etwas dunstig.                      | 133            | „ 14      | 6601 „ 6614                      | „         | „          | Gut.                           |

Die Nichtübereinstimmung der Anzahl der Beobachtungen im Catalog und hier rührt daher, dass der Druck mit 11<sup>h</sup> 0<sup>m</sup> beginnen musste und in Folge eines Verzählens einige Beobachtungen in die Anmerkungen gesetzt werden mussten.



## II. Vergleichung mit Schjellerup's Catalog.

| Nro. des<br>folgenden<br>Catalogs. | C. u. B. — Schj.    |                    | Nro. des<br>folgenden<br>Catalogs. | C. u. B. — Schj.    |                    | Nro. des<br>folgenden<br>Catalogs. | C. u. B. — Schj.    |                    |
|------------------------------------|---------------------|--------------------|------------------------------------|---------------------|--------------------|------------------------------------|---------------------|--------------------|
|                                    | A R.                | Decl.              |                                    | A R.                | Decl.              |                                    | A R.                | Decl.              |
| 9                                  | — 0 <sup>s</sup> 17 | — 1 <sup>"</sup> 1 | 923                                | + 0 <sup>s</sup> 06 | + 0 <sup>"</sup> 5 | 1726                               | — 0 <sup>s</sup> 24 | — 2 <sup>"</sup> 8 |
| 13                                 | + 0.09              | — 1.4              | 931                                | — 0.03              | — 0.8              | 1734                               | — 0.40              | — 0.7              |
| 27                                 | + 0.09              | — 0.5              | 941                                | + 0.06              | + 3.0              | 1738                               | + 0.04              | — 4.0              |
| 35                                 | — 0.10              | — 1.0              | 945                                | — 0.05              | — 2.5              | 1745                               | + 0.11              | — 2.2              |
| 57                                 | — 0.09              | — 0.8              | 949                                | — 0.26              | — 0.8              | 1749                               | — 0.27              | — 7.7              |
| 59                                 | + 0.06              | — 1.9              | 955                                | — 0.02              | — 0.1              | 1759                               | + 0.04              | — 1.5              |
| 73                                 | — 0.11              | — 1.2              | 967                                | — 0.08              | + 1.5              | 1776                               | + 0.19              | — 3.8              |
| 83                                 | — 0.27              | — 0.4              | 971                                | — 0.07              | — 0.5              | 1796                               | + 0.53              | — 3.1              |
| 134                                | + 0.11              | — 2.4              | 983                                | — 0.02              | + 0.6              | 1841                               | — 0.05              | — 1.7              |
| 157                                | — 0.09              | — 0.8              | 995                                | + 0.02              | + 0.7              | 1873                               | — 0.12              | — 0.3              |
| 206                                | 0.00                | — 3.2              | 999                                | — 0.02              | + 1.6              | 1881                               | + 0.21              | — 2.1              |
| 254                                | — 0.02              | — 2.0              | 1020                               | — 0.02              | — 0.3              | 1889                               | — 0.16              | — 1.2              |
| 310                                | + 0.18              | — 2.4              | 1034                               | + 0.34              | — 1.2              | 1907                               | + 0.03              | — 0.5              |
| 341                                | — 0.03              | — 2.0              | 1039                               | + 0.09              | + 1.1              | 1917                               | — 0.10              | 0.0                |
| 390                                | — 0.24              | — 0.8              | 1050                               | + 0.27              | — 2.3              | 1945                               | — 0.07              | — 0.3              |
| 402                                | — 0.12              | — 2.7              | 1052                               | + 0.09              | — 1.0              | 1953                               | — 0.12              | — 1.3              |
| 419                                | — 0.12              | — 1.3              | 1071                               | + 0.13              | 0.0                | 1969                               | + 0.02              | — 1.6              |
| 439                                | — 0.14              | — 0.2              | 1089                               | + 0.12              | 0.0                | 1973                               | + 0.16              | — 2.8              |
| 443                                | — 0.23              | — 0.1              | 1099                               | + 0.27              | + 0.5              | 1975                               | — 0.23              | — 0.9              |
| 454                                | — 0.06              | — 1.7              | 1118                               | — 0.03              | — 2.7              | 1998                               | + 0.15              | — 1.6              |
| 461                                | — 0.01              | + 1.6              | 1136                               | + 0.03              | + 0.5              | 2004                               | + 0.32              | — 1.0              |
| 481                                | — 0.25              | — 2.5              | 1150                               | — 0.55              | — 1.8              | 2010                               | + 0.29              | — 6.1              |
| 510                                | — 0.12              | — 2.5              | 1154                               | — 0.06              | —                  | 2016                               | + 0.03              | — 0.8              |
| 570                                | — 0.06              | — 1.4              | 1341                               | + 0.34              | + 0.3              | 2033                               | + 0.06              | — 2.1              |
| 590                                | — 0.07              | + 0.7              | 1354                               | + 0.39              | + 0.9              | 2047                               | — 0.04              | — 1.9              |
| 606                                | — 0.19              | + 0.2              | 1388                               | — 0.08              | — 1.6              | 2057                               | — 0.15              | + 1.0              |
| 622                                | — 0.10              | + 0.4              | 1409                               | — 0.05              | — 1.2              | 2067                               | + 0.10              | — 2.1              |
| 636                                | + 0.04              | + 1.3              | 1411                               | + 0.15              | — 1.4              | 2071                               | — 0.10              | — 0.5              |
| 642                                | — 0.16              | + 3.5              | 1423                               | 0.00                | — 3.7              | 2085                               | — 0.05              | 0.0                |
| 652                                | — 0.14              | — 1.0              | 1429                               | — 0.13              | + 0.2              | 2095                               | + 0.19              | — 2.7              |
| 670                                | — 0.01              | + 0.4              | 1440                               | + 0.06              | — 1.7              | 2097                               | — 0.26              | — 0.1              |
| 745                                | + 0.18              | — 1.2              | 1450                               | — 0.12              | — 1.4              | 2122                               | + 0.32              | — 0.7              |
| 709                                | — 0.01              | — 2.2              | 1456                               | + 0.17              | — 1.2              | 2124                               | + 0.24              | — 1.8              |
| 711                                | — 0.30              | + 4.0              | 1473                               | + 0.20              | — 1.2              | 2165                               | + 0.14              | — 0.6              |
| 733                                | — 0.09              | + 1.5              | 1475                               | + 0.06              | — 0.9              | 2252                               | + 0.33              | + 0.6              |
| 735                                | — 0.10              | — 0.1              | 1485                               | + 0.14              | — 2.9              | 2278                               | + 0.02              | — 1.8              |
| 749                                | + 0.24              | + 0.9              | 1511                               | + 0.12              | + 0.8              | 2295                               | — 0.02              | — 0.9              |
| 755                                | — 0.09              | + 2.1              | 1545                               | + 0.12              | — 0.6              | 2303                               | + 0.11              | — 1.2              |
| 765                                | — 0.19              | — 0.3              | 1556                               | + 0.18              | + 0.1              | 2305                               | + 0.02              | — 1.6              |
| 774                                | — 0.05              | + 2.3              | 1558                               | — 0.02              | — 5.7              | 2337                               | — 0.05              | — 3.4              |
| 778                                | — 0.24              | — 0.5              | 1564                               | — 0.12              | — 1.0              | 2339                               | — 0.02              | — 1.9              |
| 782                                | — 0.28              | — 2.8              | 1574                               | — 0.24              | + 1.0              | 2356                               | + 0.16              | — 1.1              |
| 795                                | — 0.17              | — 2.6              | 1582                               | + 0.09              | — 3.9              | 2358                               | — 0.11              | — 1.5              |
| 843                                | + 0.01              | — 0.2              | 1586                               | — 0.03              | — 3.0              | 2366                               | — 0.06              | — 0.6              |
| 861                                | — 0.03              | — 2.2              | 1610                               | — 0.01              | + 2.1              | 2368                               | + 0.15              | — 1.9              |
| 865                                | + 0.42              | + 0.4              | 1614                               | — 0.05              | — 0.1              | 2411                               | + 0.10              | — 2.8              |
| 875                                | + 0.22              | + 0.4              | 1618                               | — 0.22              | — 0.4              | 2428                               | + 0.13              | — 2.1              |
| 877                                | — 0.11              | + 1.4              | 1646                               | — 0.09              | — 0.6              | 2440                               | — 0.24              | — 0.6              |
| 889                                | + 0.09              | + 2.4              | 1657                               | + 0.09              | — 1.5              | 2497                               | 0.00                | — 1.7              |
| 897                                | — 0.03              | + 1.8              | 1677                               | — 0.25              | — 1.5              | 2543                               | + 0.35              | — 1.1              |
| 899                                | + 0.06              | — 1.2              | 1682                               | — 0.04              | + 0.1              | 2547                               | + 0.04              | — 1.9              |
| 901                                | + 0.04              | — 0.3              | 1688                               | 0.00                | — 1.0              | 2549                               | + 0.06              | — 2.7              |
| 907                                | — 0.01              | — 1.1              | 1695                               | + 0.06              | + 1.7              | 2569                               | — 0.04              | — 1.7              |
| 913                                | — 0.02              | + 0.5              | 1714                               | 0.00                | — 1.0              | 2643                               | + 0.08              | + 0.6              |



## II. Vergleichung mit Schjellerup's Catalog.

| Nro. des<br>folgenden<br>Catalogs. | C. u. B. — Schj. |       | Nro. des<br>folgenden<br>Catalogs. | C. u. B. — Schj. |       | Nro. des<br>folgenden<br>Catalogs. | C. u. B. — Schj. |       |
|------------------------------------|------------------|-------|------------------------------------|------------------|-------|------------------------------------|------------------|-------|
|                                    | A. R.            | Decl. |                                    | A. R.            | Decl. |                                    | A. R.            | Decl. |
| 2682                               | — 0°06           | — 0°9 | 3543                               | + 0°09           | — 1°0 | 4131                               | + 0°16           | — 1°8 |
| 2698                               | — 0.09           | — 1.4 | 3553                               | + 0.01           | — 1.3 | 4137                               | + 0.26           | + 1.3 |
| 2719                               | + 0.49           | 0.0   | 3607                               | — 0.21           | 0.0   | 4139                               | 0.00             | + 0.7 |
| 2733                               | + 0.05           | — 5.3 | 3615                               | + 0.02           | — 1.8 | 4143                               | — 0.12           | — 1.3 |
| 2745                               | + 0.06           | — 2.3 | 3623                               | — 0.14           | + 0.8 | 4151                               | — 0.06           | — 0.1 |
| 2767                               | — 0.05           | — 2.2 | 3639                               | + 0.11           | + 1.2 | 4153                               | + 0.01           | — 0.5 |
| 2786                               | — 0.04           | — 4.3 | 3657                               | — 0.11           | + 1.2 | 4161                               | — 0.12           | + 0.4 |
| 2851                               | + 0.18           | — 2.1 | 3663                               | — 0.27           | — 0.3 | 4174                               | + 0.21           | — 0.2 |
| 2865                               | + 0.17           | — 0.9 | 3680                               | + 0.31           | + 0.4 | 4182                               | + 0.17           | — 1.6 |
| 2877                               | — 0.06           | + 0.4 | 3682                               | — 0.02           | + 0.8 | 4188                               | 0.00             | — 1.7 |
| 2938                               | + 0.04           | — 0.4 | 3688                               | — 0.01           | + 1.8 | 4206                               | — 0.05           | — 3.7 |
| 2948                               | — 0.07           | + 0.9 | 3694                               | — 0.36           | — 1.0 | 4253                               | + 0.04           | — 1.8 |
| 2985                               | — 0.33           | — 0.2 | 3708                               | — 0.05           | — 0.3 | 4253                               | — 0.12           | — 1.3 |
| 3037                               | — 0.35           | — 0.2 | 3716                               | + 0.34           | — 1.9 | 4276                               | + 0.04           | + 3.2 |
| 3045                               | + 0.08           | — 1.1 | 3727                               | — 0.08           | + 2.2 | 4278                               | — 0.08           | — 4.2 |
| 3053                               | — 0.17           | — 1.6 | 3735                               | — 0.12           | + 1.0 | 4280                               | + 0.03           | + 0.1 |
| 3064                               | — 0.08           | + 0.2 | 3741                               | + 0.08           | — 0.3 | 4282                               | — 0.15           | —     |
| 3074                               | + 0.18           | — 0.7 | 3743                               | — 0.20           | + 2.7 | 4302                               | 0.00             | — 2.7 |
| 3090                               | + 0.16           | — 0.3 | 3751                               | + 0.16           | — 1.3 | 4310                               | — 0.01           | — 1.2 |
| 3101                               | + 0.12           | + 1.0 | 3771                               | + 0.09           | + 0.8 | 4318                               | + 0.14           | — 3.0 |
| 3143                               | + 0.07           | — 4.2 | 3775                               | — 0.05           | + 0.6 | 4324                               | + 0.17           | — 1.5 |
| 3169                               | + 0.16           | — 1.6 | 3781                               | — 0.12           | + 1.3 | 4328                               | — 0.07           | + 0.8 |
| 3184                               | + 0.08           | — 5.9 | 3789                               | — 0.29           | + 1.2 | 4364                               | + 0.02           | — 0.6 |
| 3188                               | — 0.17           | — 0.9 | 3803                               | + 0.12           | — 1.5 | 4366                               | — 0.14           | — 0.1 |
| 3194                               | — 0.08           | — 0.3 | 3818                               | + 0.03           | — 0.1 | 4374                               | — 0.07           | — 2.3 |
| 3204                               | 0.00             | + 0.7 | 3820                               | + 0.01           | — 0.6 | 4382                               | + 0.05           | + 0.8 |
| 3208                               | — 0.13           | — 1.7 | 3838                               | — 0.17           | + 1.0 | 4400                               | — 0.04           | — 1.2 |
| 3228                               | + 0.06           | — 1.4 | 3846                               | — 0.03           | — 1.4 | 4406                               | + 0.23           | — 4.3 |
| 3232                               | — 0.09           | — 0.7 | 3854                               | + 0.07           | + 1.6 | 4414                               | — 0.05           | — 0.9 |
| 3260                               | — 0.03           | — 0.2 | 3870                               | + 0.28           | — 0.1 | 4426                               | + 0.14           | — 2.3 |
| 3270                               | + 0.13           | — 0.9 | 3886                               | + 0.09           | — 0.5 | 4437                               | + 0.01           | — 0.2 |
| 3278                               | — 0.09           | — 0.5 | 3894                               | — 0.14           | 0.0   | 4439                               | — 0.11           | — 1.0 |
| 3288                               | + 0.03           | + 0.1 | 3912                               | + 0.01           | — 1.2 | 4451                               | + 0.13           | — 0.8 |
| 3296                               | — 0.05           | — 2.3 | 3914                               | — 0.04           | + 2.4 | 4453                               | — 0.27           | — 1.0 |
| 3318                               | — 0.06           | + 2.3 | 3940                               | + 0.18           | — 1.4 | 4455                               | — 0.13           | — 2.3 |
| 3639                               | + 0.01           | — 0.9 | 3946                               | + 0.05           | — 0.7 | 4471                               | + 0.14           | — 1.4 |
| 3328                               | + 0.62           | — 0.4 | 3954                               | + 0.05           | — 3.2 | 4473                               | + 0.13           | — 2.2 |
| 3344                               | — 0.17           | — 1.2 | 3984                               | — 0.02           | — 0.8 | 4477                               | — 0.04           | — 0.6 |
| 3361                               | — 0.22           | — 0.7 | 3998                               | + 0.09           | — 0.3 | 4479                               | + 0.06           | — 0.2 |
| 3369                               | — 0.07           | + 0.1 | 4012                               | + 0.19           | — 0.6 | 4485                               | + 0.05           | —     |
| 3377                               | 0.00             | — 2.0 | 4024                               | + 0.02           | + 4.3 | 4499                               | + 0.04           | + 1.4 |
| 3381                               | + 0.23           | — 2.1 | 4036                               | — 0.14           | — 1.5 | 4506                               | + 0.07           | + 0.1 |
| 3385                               | + 0.12           | — 2.0 | 4057                               | — 0.04           | — 1.9 | 4513                               | — 0.09           | — 1.0 |
| 3387                               | — 0.11           | — 0.6 | 4064                               | + 0.25           | + 2.2 | 4515                               | + 0.15           | — 0.8 |
| 3399                               | + 0.04           | + 0.8 | 4066                               | + 0.18           | — 0.8 | 4534                               | — 0.06           | — 0.7 |
| 3407                               | — 0.19           | — 1.4 | 4072                               | + 0.10           | — 0.6 | 4540                               | — 0.02           | — 1.7 |
| 3417                               | — 0.26           | — 1.3 | 4076                               | + 0.11           | + 0.6 | 4542                               | — 0.13           | + 0.9 |
| 3441                               | — 0.15           | — 1.1 | 4084                               | — 0.01           | — 0.6 | 4551                               | + 0.07           | + 1.2 |
| 3447                               | + 0.11           | — 1.8 | 4086                               | + 0.11           | — 1.9 | 4576                               | — 0.03           | — 0.8 |
| 3465                               | — 0.03           | — 0.9 | 4092                               | + 0.01           | + 0.5 | 4583                               | — 0.24           | + 0.8 |
| 3471                               | + 0.15           | — 1.1 | 4119                               | + 0.21           | + 2.5 | 4586                               | — 0.01           | + 0.1 |
| 3503                               | + 0.02           | — 0.1 | 4121                               | — 0.02           | — 0.3 | 4597                               | — 0.13           | + 0.8 |
| 3515                               | — 0.11           | — 0.8 | 4123                               | — 0.04           | —     | 4604                               | + 0.23           | — 2.4 |
| 3531                               | — 0.19           | — 1.2 | 4127                               | — 0.04           | — 0.9 | 4618                               | — 0.04           | — 1.3 |



## II. Vergleichung mit Schjellerup's Catalog.

| Nro. des<br>folgenden<br>Catalogs. | C. u. B. — Schj.    |       | Nro. des<br>folgenden<br>Catalogs. | C. u. B. — Schj.    |       | Nro. des<br>folgenden<br>Catalogs. | C. u. B. — Schj.    |       |
|------------------------------------|---------------------|-------|------------------------------------|---------------------|-------|------------------------------------|---------------------|-------|
|                                    | A R.                | Decl. |                                    | A R.                | Decl. |                                    | A R.                | Decl. |
| 4623                               | + 0 <sup>s</sup> 13 | —     | 4996                               | — 0 <sup>s</sup> 24 | — 3"3 | 5453                               | + 0 <sup>s</sup> 14 | — 3"2 |
| 4632                               | + 0.15              | — 1.7 | 4999                               | + 0.04              | — 2.0 | 5461                               | + 0.10              | + 0.9 |
| 4634                               | + 0.01              | — 3.8 | 5008                               | — 0.12              | — 0.9 | 5464                               | — 0.05              | — 0.9 |
| 4638                               | — 0.12              | — 0.2 | 5010                               | 0.00                | — 3.1 | 5474                               | — 0.12              | + 1.9 |
| 4649                               | — 0.22              | — 2.8 | 5014                               | — 0.06              | — 1.7 | 5484                               | — 0.03              | — 2.1 |
| 4660                               | + 0.05              | 0.0   | 5020                               | 0.00                | — 2.4 | 5492                               | — 0.01              | — 1.7 |
| 4662                               | — 0.18              | — 1.1 | 5031                               | — 0.22              | — 2.4 | 5494                               | — 0.13              | — 1.0 |
| 4667                               | — 0.20              | — 2.2 | 5038                               | 0.00                | — 0.4 | 5496                               | — 0.33              | — 0.6 |
| 4669                               | — 0.09              | — 2.4 | 5044                               | + 0.06              | — 0.1 | 5498                               | — 0.18              | — 0.7 |
| 4683                               | 0.00                | — 0.2 | 5049                               | — 0.36              | — 1.1 | 5500                               | + 0.29              | — 1.5 |
| 4690                               | — 0.12              | — 1.1 | 5056                               | + 0.14              | — 0.6 | 5512                               | + 0.09              | — 1.5 |
| 4694                               | + 0.31              | — 2.2 | 5058                               | — 0.08              | — 0.3 | 5514                               | + 0.14              | — 2.5 |
| 4699                               | — 0.03              | — 1.1 | 5075                               | — 0.32              | — 0.3 | 5516                               | — 0.10              | — 0.5 |
| 4717                               | + 0.19              | — 1.6 | 5079                               | — 0.29              | — 1.8 | 5532                               | — 0.28              | — 2.6 |
| 4728                               | + 0.11              | + 1.2 | 5093                               | — 0.05              | — 1.0 | 5536                               | — 0.11              | — 1.4 |
| 4730                               | + 0.18              | — 1.5 | 5104                               | — 0.05              | — 0.9 | 5539                               | + 0.07              | — 0.9 |
| 4733                               | + 0.09              | + 0.7 | 5120                               | — 0.27              | — 2.5 | 5550                               | — 0.18              | — 2.4 |
| 4740                               | + 0.01              | + 0.4 | 5126                               | — 0.19              | — 1.7 | 5565                               | — 0.04              | — 0.1 |
| 4742                               | + 0.09              | — 1.2 | 5141                               | — 0.05              | — 0.3 | 5567                               | + 0.11              | — 3.4 |
| 4751                               | + 0.12              | + 1.6 | 5144                               | — 0.12              | — 2.7 | 5571                               | + 0.06              | 0.0   |
| 4764                               | — 0.24              | 0.0   | 5147                               | + 0.02              | — 1.1 | 5583                               | — 0.05              | — 0.4 |
| 4768                               | + 0.02              | — 0.8 | 5155                               | — 0.07              | — 3.9 | 5593                               | — 0.37              | — 1.0 |
| 4778                               | + 0.08              | — 1.3 | 5163                               | + 0.14              | — 0.7 | 5595                               | + 0.15              | — 2.4 |
| 4788                               | 0.00                | — 1.4 | 5167                               | — 0.01              | — 1.5 | 5605                               | — 0.14              | + 0.9 |
| 4792                               | + 0.15              | — 4.7 | 5169                               | — 0.19              | — 2.5 | 5613                               | — 0.04              | — 0.8 |
| 4801                               | — 0.04              | 0.0   | 5174                               | — 0.03              | — 0.2 | 5629                               | + 0.13              | — 2.5 |
| 4803                               | + 0.01              | — 0.8 | 5196                               | — 0.09              | — 3.4 | 5631                               | — 0.11              | + 0.4 |
| 4820                               | — 0.07              | — 2.5 | 5203                               | — 0.02              | — 0.6 | 5641                               | 0.00                | — 0.2 |
| 4830                               | + 0.06              | — 0.6 | 5211                               | — 0.14              | — 0.8 | 5647                               | + 0.06              | — 0.4 |
| 4839                               | + 0.01              | — 2.6 | 5219                               | + 0.02              | — 1.4 | 5664                               | + 0.10              | — 1.0 |
| 4843                               | — 0.13              | — 1.2 | 5229                               | — 0.07              | — 1.9 | 5675                               | + 0.02              | + 0.5 |
| 4857                               | — 0.26              | — 1.1 | 5241                               | — 0.28              | + 0.1 | 5706                               | + 0.12              | — 1.3 |
| 4859                               | + 0.15              | 0.0   | 5254                               | — 0.28              | + 0.3 | 5714                               | + 0.07              | — 0.9 |
| 4869                               | + 0.08              | — 0.9 | 5270                               | + 0.26              | — 0.4 | 5728                               | — 0.01              | — 0.4 |
| 4879                               | + 0.02              | + 0.9 | 5282                               | + 0.12              | — 3.4 | 5747                               | — 0.10              | — 1.1 |
| 4883                               | + 0.05              | — 2.9 | 5284                               | — 0.31              | — 0.7 | 5755                               | — 0.50              | — 0.4 |
| 4887                               | + 0.04              | — 2.3 | 5299                               | — 0.36              | — 0.2 | 5765                               | + 0.04              | — 3.3 |
| 4891                               | — 0.12              | — 1.1 | 5333                               | 0.00                | — 5.8 | 5771                               | — 0.27              | — 1.0 |
| 4893                               | — 0.03              | — 2.6 | 5335                               | + 0.10              | — 2.0 | 5789                               | + 0.06              | — 1.9 |
| 4895                               | — 0.16              | — 2.8 | 5341                               | — 0.02              | 0.0   | 5791                               | — 0.18              | — 0.3 |
| 4897                               | — 0.02              | — 1.8 | 5345                               | — 0.09              | — 0.8 | 5796                               | — 0.14              | + 0.7 |
| 4899                               | — 0.09              | — 2.1 | 5349                               | + 0.02              | + 0.3 | 5801                               | + 0.04              | — 2.8 |
| 4905                               | + 0.09              | — 2.7 | 5361                               | — 0.02              | 0.0   | 5803                               | + 0.08              | — 1.8 |
| 4909                               | — 0.06              | — 1.1 | 5363                               | — 0.21              | — 0.2 | 5815                               | — 0.04              | — 0.5 |
| 4920                               | — 0.02              | — 2.9 | 5369                               | — 0.02              | — 1.7 | 5817                               | — 0.07              | — 1.5 |
| 4922                               | — 0.12              | — 1.1 | 5377                               | — 0.09              | + 0.8 | 5821                               | — 0.72              | — 1.2 |
| 4932                               | — 0.19              | — 0.1 | 5389                               | + 0.05              | — 1.2 | 5839                               | — 0.33              | — 1.6 |
| 4936                               | + 0.09              | — 1.2 | 5399                               | + 0.02              | — 3.9 | 5843                               | + 0.15              | + 0.4 |
| 4950                               | — 0.12              | — 1.9 | 5407                               | — 0.14              | — 2.6 | 5853                               | + 0.05              | + 1.8 |
| 4956                               | + 0.16              | — 1.4 | 5416                               | + 0.12              | — 0.4 | 5861                               | — 0.19              | — 0.3 |
| 4964                               | + 0.28              | —     | 5432                               | + 0.01              | — 0.6 | 5871                               | — 0.09              | — 0.8 |
| 4973                               | 0.00                | — 2.4 | 5434                               | + 0.10              | + 1.2 | 5873                               | — 0.12              | — 0.7 |
| 4986                               | — 0.05              | — 1.2 | 5440                               | + 0.12              | — 0.3 | 5887                               | + 0.07              | — 2.3 |
| 4989                               | — 0.07              | — 1.5 | 5442                               | + 0.07              | — 4.9 | 5897                               | — 0.08              | — 2.1 |



## II. Vergleichung mit Schjellerup's Catalog.

| Nro. des<br>folgenden<br>Catalogs. | C. u. B. — Schj. |       | Nro. des<br>folgenden<br>Catalogs. | C. u. B. — Schj. |       | Nro. des<br>folgenden<br>Catalogs. | C. u. B. — Schj. |       |
|------------------------------------|------------------|-------|------------------------------------|------------------|-------|------------------------------------|------------------|-------|
|                                    | A R.             | Decl. |                                    | A R.             | Decl. |                                    | A R.             | Decl. |
| 5899                               | — 0°02           | — 0"2 | 6115                               | + 0°12           | + 0"9 | 6315                               | — 0°02           | — 0"4 |
| 5903                               | + 0.08           | 0.0   | 6117                               | + 0.14           | — 2.4 | 6321                               | + 0.17           | — 0.8 |
| 5909                               | + 0.05           | — 2.8 | 6119                               | + 0.03           | + 0.1 | 6335                               | + 0.01           | — 1.8 |
| 5911                               | + 0.01           | + 0.3 | 6121                               | + 0.08           | — 0.7 | 6354                               | — 0.04           | + 0.7 |
| 5915                               | + 0.03           | — 2.1 | 6127                               | — 0.05           | — 0.1 | 6362                               | 0.00             | — 0.2 |
| 5921                               | — 0.13           | — 1.1 | 6138                               | + 0.16           | — 1.7 | 6365                               | — 0.04           | — 1.9 |
| 5929                               | + 0.22           | — 2.0 | 6144                               | + 0.18           | — 2.0 | 6375                               | — 0.30           | — 0.8 |
| 5931                               | + 0.14           | — 3.7 | 6148                               | + 0.07           | — 1.9 | 6377                               | — 0.13           | — 0.6 |
| 5933                               | + 0.14           | — 1.3 | 6156                               | — 0.32           | — 1.0 | 6385                               | — 0.11           | — 0.3 |
| 5951                               | + 0.08           | — 3.6 | 6164                               | — 0.06           | — 1.7 | 6391                               | + 0.23           | — 0.1 |
| 5955                               | + 0.14           | — 1.5 | 6172                               | + 0.04           | + 1.7 | 6397                               | — 0.05           | — 1.4 |
| 5966                               | + 0.20           | — 0.8 | 6178                               | + 0.04           | — 0.2 | 6404                               | + 0.04           | + 0.1 |
| 5968                               | — 0.11           | 0.0   | 6186                               | — 0.05           | — 1.0 | 6410                               | + 0.02           | — 0.8 |
| 5972                               | — 0.28           | — 2.3 | 6191                               | + 0.08           | + 0.5 | 6414                               | + 0.10           | — 2.0 |
| 5976                               | + 0.07           | — 0.3 | 6193                               | — 0.01           | — 1.3 | 6424                               | — 0.02           | — 0.4 |
| 5980                               | + 0.02           | + 0.7 | 6195                               | + 0.01           | + 0.5 | 6446                               | + 0.22           | — 3.2 |
| 5992                               | + 0.33           | + 0.6 | 6197                               | — 0.18           | — 0.3 | 6458                               | + 0.04           | — 3.8 |
| 6004                               | + 0.15           | — 0.7 | 6202                               | + 0.21           | + 0.4 | 6464                               | + 0.07           | + 1.3 |
| 6008                               | — 0.05           | — 1.9 | 6206                               | — 0.01           | — 2.0 | 6474                               | — 0.07           | — 2.4 |
| 6010                               | + 0.07           | — 0.7 | 6208                               | + 0.25           | — 2.3 | 6479                               | — 0.05           | — 1.4 |
| 6014                               | + 0.18           | — 1.1 | 6212                               | 0.00             | — 0.4 | 6481                               | + 0.05           | — 1.3 |
| 6022                               | + 0.06           | — 1.4 | 6214                               | — 0.01           | — 0.9 | 6496                               | — 0.03           | — 3.5 |
| 6024                               | — 0.07           | — 4.5 | 6221                               | — 0.15           | + 1.1 | 6500                               | — 0.06           | — 0.2 |
| 6030                               | + 0.03           | — 2.9 | 6223                               | — 0.01           | — 1.7 | 6506                               | + 0.02           | — 1.2 |
| 6032                               | + 0.11           | — 1.5 | 6235                               | + 0.08           | — 0.8 | 6512                               | — 0.03           | — 0.3 |
| 6034                               | — 0.10           | — 1.3 | 6245                               | — 0.02           | 0.0   | 6525                               | — 0.06           | — 0.1 |
| 6036                               | + 0.19           | + 0.7 | 6253                               | + 0.24           | — 1.4 | 6531                               | + 0.02           | + 1.0 |
| 6042                               | — 0.08           | + 0.8 | 6266                               | — 0.09           | — 1.4 | 6540                               | — 0.09           | — 0.6 |
| 6051                               | + 0.10           | — 1.7 | 6276                               | + 0.01           | + 0.7 | 6555                               | — 0.11           | — 2.3 |
| 6056                               | + 0.26           | — 0.9 | 6279                               | + 0.19           | 0.0   | 6561                               | + 0.09           | — 1.6 |
| 6068                               | — 0.01           | — 1.8 | 6281                               | + 0.05           | — 1.2 | 6563                               | — 0.15           | — 1.9 |
| 6085                               | — 0.06           | — 0.3 | 6287                               | — 0.12           | — 2.3 | 6577                               | — 0.04           | — 1.4 |
| 6091                               | + 0.07           | — 1.2 | 6301                               | + 0.08           | + 8.1 | 6583                               | — 0.10           | — 1.7 |
| 6093                               | — 0.02           | — 0.5 | 6303                               | + 0.12           | — 1.6 | 6590                               | — 0.15           | — 0.5 |
| 6101                               | + 0.06           | — 0.9 | 6305                               | — 0.02           | — 1.8 | 6594                               | — 0.03           | — 1.0 |
| 6109                               | — 0.12           | + 0.2 | 6313                               | + 0.14           | + 0.8 |                                    |                  |       |



### III. Hilfsgrößen zur Reduction auf den scheinbaren Ort.

Die in A und B angegebenen Größen sind die scheinbaren, die in C und D angegebenen die wirklichen. Die in E und F angegebenen Größen sind die scheinbaren, die in G und H angegebenen die wirklichen. Die in I und J angegebenen Größen sind die scheinbaren, die in K und L angegebenen die wirklichen.



| A. R.     | log a    | log b    | log c              |                     |                     | log d              |                     |                     | A. R.      |
|-----------|----------|----------|--------------------|---------------------|---------------------|--------------------|---------------------|---------------------|------------|
|           |          |          | $\delta = 0^\circ$ | $\delta = -1^\circ$ | $\delta = -2^\circ$ | $\delta = 0^\circ$ | $\delta = -1^\circ$ | $\delta = -2^\circ$ |            |
| $0^h 0^m$ | +8.8240- | -∞       | +0.4874+           | +0.4874+            | +0.4874+            | -∞                 | -7.0658+            | -7.3670+            | $12^h 0^m$ |
| 10        | 8.8236   | +7.4637+ |                    | 0.4873              | 0.4872              |                    | 7.0654              | 7.3666              | 50         |
| 20        | 8.8224   | 7.7643   |                    | 0.4871              | 0.4869              |                    | 7.0642              | 7.3654              | 40         |
| 30        | 8.8203   | 7.9397   |                    | 0.4870              | 0.4866              |                    | 7.0621              | 7.3633              | 30         |
| 40        | 8.8174   | 8.0637   |                    | 0.4869              | 0.4863              |                    | 7.0592              | 7.3604              | 20         |
| 50        | 8.8136   | 8.1594   |                    | 0.4867              | 0.4860              |                    | 7.0554              | 7.3566              | 10         |
| 1 0       | 8.8090   | 8.2370   |                    | 0.4866              | 0.4857              |                    | 7.0508              | 7.3520              | 11 0       |
| 10        | 8.8035   | 8.3022   |                    | 0.4864              | 0.4854              |                    | 7.0452              | 7.3464              | 50         |
| 20        | 8.7970   | 8.3581   |                    | 0.4863              | 0.4852              |                    | 7.0388              | 7.3400              | 40         |
| 30        | 8.7897   | 8.4069   |                    | 0.4862              | 0.4849              |                    | 7.0314              | 7.3326              | 30         |
| 40        | 8.7813   | 8.4500   |                    | 0.4860              | 0.4846              |                    | 7.0231              | 7.3243              | 20         |
| 50        | 8.7720   | 8.4884   |                    | 0.4859              | 0.4844              |                    | 7.0137              | 7.3149              | 10         |
| 2 0       | 8.7616   | 8.5230   |                    | 0.4858              | 0.4841              |                    | 7.0033              | 7.3045              | 10 0       |
| 10        | 8.7501   | 8.5543   |                    | 0.4857              | 0.4839              |                    | 6.9918              | 7.2930              | 50         |
| 20        | 8.7374   | 8.5826   |                    | 0.4855              | 0.4836              |                    | 6.9792              | 7.2804              | 40         |
| 30        | 8.7235   | 8.6085   |                    | 0.4854              | 0.4834              |                    | 6.9653              | 7.2665              | 30         |
| 40        | 8.7083   | 8.6321   |                    | 0.4853              | 0.4832              |                    | 6.9501              | 7.2513              | 20         |
| 50        | 8.6917   | 8.6537   |                    | 0.4852              | 0.4830              |                    | 6.9334              | 7.2346              | 10         |
| 3 0       | 8.6735   | 8.6735   |                    | 0.4851              | 0.4827              |                    | 6.9153              | 7.2165              | 9 0        |
| 10        | 8.6537   | 8.6917   |                    | 0.4850              | 0.4825              |                    | 6.8955              | 7.1967              | 50         |
| 20        | 8.6321   | 8.7083   |                    | 0.4849              | 0.4823              |                    | 6.8739              | 7.1751              | 40         |
| 30        | 8.6085   | 8.7235   |                    | 0.4848              | 0.4822              |                    | 6.8503              | 7.1515              | 30         |
| 40        | 8.5826   | 8.7374   |                    | 0.4847              | 0.4820              |                    | 6.8244              | 7.1256              | 20         |
| 50        | 8.5543   | 8.7501   |                    | 0.4846              | 0.4818              |                    | 6.7960              | 7.0972              | 10         |
| 4 0       | 8.5230   | 8.7616   |                    | 0.4846              | 0.4817              |                    | 6.7648              | 7.0660              | 8 0        |
| 10        | 8.4884   | 8.7720   |                    | 0.4845              | 0.4815              |                    | 6.7302              | 7.0314              | 50         |
| 20        | 8.4500   | 8.7813   |                    | 0.4844              | 0.4814              |                    | 6.6918              | 6.9930              | 40         |
| 30        | 8.4069   | 8.7897   |                    | 0.4844              | 0.4813              |                    | 6.6486              | 6.9498              | 30         |
| 40        | 8.3581   | 8.7970   |                    | 0.4843              | 0.4812              |                    | 6.5999              | 6.9011              | 20         |
| 50        | 8.3022   | 8.8035   |                    | 0.4843              | 0.4811              |                    | 6.5440              | 6.8452              | 10         |
| 0         | 8.2370   | 8.8090   |                    | 0.4842              | 0.4810              |                    | 6.4788              | 6.7800              | 7 0        |
| 10        | 8.1594   | 8.8136   |                    | 0.4842              | 0.4809              |                    | 6.4011              | 6.7023              | 50         |
| 20        | 8.0637   | 8.8174   |                    | 0.4842              | 0.4809              |                    | 6.3055              | 6.6067              | 40         |
| 30        | 7.9397   | 8.8203   |                    | 0.4841              | 0.4808              |                    | 6.1815              | 6.4827              | 30         |
| 40        | 7.7643   | 8.8224   |                    | 0.4841              | 0.4808              |                    | 6.0061              | 6.3073              | 20         |
| 50        | +7.4637- | 8.8236   |                    | 0.4841              | 0.4808              |                    | -5.7055+            | -6.0067+            | 10         |
| 6 0       | -∞       | +8.8240+ | +0.4874+           | +0.4841+            | +0.4808+            | -∞                 | -∞                  | -∞                  | 6 0        |
| A. R.     | log a    | log b    | $\delta = 0^\circ$ | $\delta = -1^\circ$ | $\delta = -2^\circ$ | $\delta = 0^\circ$ | $\delta = -1^\circ$ | $\delta = -2^\circ$ | A. R.      |
|           |          |          | log c              |                     |                     | log d              |                     |                     |            |

Bem. a. und b. hängen allerdings auch von der Declination ab, doch ist der Einfluss der Aenderung der Declination um  $1^\circ$  auf die vierte Stelle unmerklich. Sie sind für  $\delta = -1^\circ$  berechnet.



| A. R.                         | log a'             |                     |                     | log b'             |                     |                     | log c'   | log d'   | A. R.                          |
|-------------------------------|--------------------|---------------------|---------------------|--------------------|---------------------|---------------------|----------|----------|--------------------------------|
|                               | $\delta = 0^\circ$ | $\delta = -1^\circ$ | $\delta = -2^\circ$ | $\delta = 0^\circ$ | $\delta = -1^\circ$ | $\delta = -2^\circ$ |          |          |                                |
| 0 <sup>h</sup> 0 <sup>m</sup> | +9.6373+           | +9.6373+            | +9.6373+            | —∞                 | —8.2419+            | —8.5429+            | +1.3022— | —∞       | 12 <sup>h</sup> 0 <sup>m</sup> |
| 10                            |                    | 9.6380              | 9.6387              |                    | 8.2414              | 8.5424              | 1.3018   | —8.6397— | 50                             |
| 20                            |                    | 9.6388              | 9.6403              |                    | 8.2402              | 8.5412              | 1.3006   | 8.9403   | 40                             |
| 30                            |                    | 9.6395              | 9.6416              |                    | 8.2381              | 8.5391              | 1.2985   | 9.1157   | 30                             |
| 40                            |                    | 9.6403              | 9.6432              |                    | 8.2352              | 8.5362              | 1.2956   | 9.2397   | 20                             |
| 50                            |                    | 9.6410              | 9.6446              |                    | 9.2314              | 8.5324              | 1.2918   | 9.3353   | 10                             |
| 1 0                           |                    | 9.6418              | 9.6462              |                    | 8.2268              | 8.5278              | 1.2872   | 9.4130   | 11 0                           |
| 10                            |                    | 9.6425              | 9.6475              |                    | 8.2213              | 8.5223              | 1.2817   | 9.4781   | 50                             |
| 20                            |                    | 9.6432              | 9.6489              |                    | 8.2148              | 8.5158              | 1.2752   | 9.5340   | 40                             |
| 30                            |                    | 9.6439              | 9.6503              |                    | 8.2075              | 8.5085              | 1.2679   | 9.5828   | 30                             |
| 40                            |                    | 9.6446              | 9.6516              |                    | 8.1991              | 8.5001              | 1.2595   | 9.6260   | 20                             |
| 50                            |                    | 9.6453              | 9.6530              |                    | 8.1898              | 8.4908              | 1.2502   | 9.6644   | 10                             |
| 2 0                           |                    | 9.6459              | 9.6542              |                    | 8.1794              | 8.4804              | 1.2398   | 9.6990   | 10 0                           |
| 10                            |                    | 9.6466              | 9.6555              |                    | 8.1679              | 8.4689              | 1.2283   | 9.7302   | 50                             |
| 20                            |                    | 9.6472              | 9.6567              |                    | 8.1552              | 8.4562              | 1.2156   | 9.7586   | 40                             |
| 30                            |                    | 9.6478              | 9.6578              |                    | 8.1413              | 8.4423              | 1.2017   | 9.7844   | 30                             |
| 40                            |                    | 9.6484              | 9.6590              |                    | 8.1261              | 8.4271              | 1.1865   | 9.8081   | 20                             |
| 50                            |                    | 9.6489              | 9.6600              |                    | 8.1095              | 8.4105              | 1.1699   | 9.8297   | 10                             |
| 3 0                           |                    | 9.6495              | 9.6611              |                    | 8.0913              | 8.3923              | 1.1517   | 9.8495   | 9 0                            |
| 10                            |                    | 9.6500              | 9.6621              |                    | 8.0715              | 8.3725              | 1.1319   | 9.8676   | 50                             |
| 20                            |                    | 9.6505              | 9.6631              |                    | 8.0499              | 8.3509              | 1.1103   | 9.8842   | 40                             |
| 30                            |                    | 9.6509              | 9.6639              |                    | 8.0263              | 8.3273              | 1.0867   | 9.8995   | 30                             |
| 40                            |                    | 9.6514              | 9.6648              |                    | 8.0004              | 8.3014              | 1.0608   | 9.9134   | 20                             |
| 50                            |                    | 9.6518              | 9.6656              |                    | 7.9721              | 8.2731              | 1.0325   | 9.9260   | 10                             |
| 4 0                           |                    | 9.6521              | 9.6662              |                    | 7.9408              | 8.2418              | 1.0012   | 9.9375   | 8 0                            |
| 10                            |                    | 9.6525              | 9.6669              |                    | 7.9063              | 8.2073              | 0.9667   | 9.9479   | 50                             |
| 20                            |                    | 9.6528              | 9.6675              |                    | 7.8678              | 8.1688              | 0.9282   | 9.9573   | 40                             |
| 30                            |                    | 9.6531              | 9.6681              |                    | 7.8247              | 8.1257              | 0.8851   | 9.9656   | 30                             |
| 40                            |                    | 9.6534              | 9.6687              |                    | 7.7759              | 8.0769              | 0.8363   | 9.9730   | 20                             |
| 50                            |                    | 9.6536              | 9.6691              |                    | 7.7200              | 8.0210              | 0.7804   | 9.9794   | 10                             |
| 5 0                           |                    | 9.6538              | 9.6695              |                    | 7.6549              | 7.9559              | 0.7153   | 9.9849   | 7 0                            |
| 10                            |                    | 9.6540              | 9.6699              |                    | 7.5772              | 7.8782              | 0.6376   | 9.9896   | 50                             |
| 20                            |                    | 9.6542              | 9.6703              |                    | 7.4815              | 7.7825              | 0.5419   | 9.9934   | 40                             |
| 30                            |                    | 9.6543              | 9.6705              |                    | 7.3576              | 7.6586              | 0.4180   | 9.9963   | 30                             |
| 40                            |                    | 9.6543              | 9.6706              |                    | 7.1822              | 7.4832              | 0.2426   | 9.9983   | 20                             |
| 50                            |                    | 9.6544              | 9.6707              |                    | —6.8815+            | —7.1825+            | 9.9419   | 9.9996   | 10                             |
| 6 0                           | +9.6373+           | +9.6544+            | +9.6707+            | —∞                 | —∞                  | —∞                  | +—∞—     | —0.0000— | 6 0                            |

| A. R. | $\delta = 0^\circ$ | $\delta = -1^\circ$ | $\delta = -2^\circ$ | $\delta = 0^\circ$ | $\delta = -1^\circ$ | $\delta = -2^\circ$ | log c' | log d' | A. R. |
|-------|--------------------|---------------------|---------------------|--------------------|---------------------|---------------------|--------|--------|-------|
|       | log a'             |                     |                     | log b'             |                     |                     |        |        |       |

Bem. c' und d' sind von der Decl. unabhängig.



| A. R.                          | log a    | log b    | log c              |                     |                     | log d              |                     |                     | A. R.                          |
|--------------------------------|----------|----------|--------------------|---------------------|---------------------|--------------------|---------------------|---------------------|--------------------------------|
|                                |          |          | $\delta = 0^\circ$ | $\delta = -1^\circ$ | $\delta = -2^\circ$ | $\delta = 0^\circ$ | $\delta = -1^\circ$ | $\delta = -2^\circ$ |                                |
| 12 <sup>h</sup> 0 <sup>m</sup> | -8.8240+ | —∞       | +0.4874+           | +0.4874+            | +0.4874+            | —∞                 | +7.0658—            | +7.3670—            | 24 <sup>h</sup> 0 <sup>m</sup> |
| 10                             | 8.8236   | -7.4637— |                    | 0.4876              | 0.4877              |                    | 7.0654              | 7.3666              | 50                             |
| 20                             | 8.8224   | 7.7643   |                    | 0.4877              | 0.4880              |                    | 7.0642              | 7.3654              | 40                             |
| 30                             | 8.8203   | 7.9397   |                    | 0.4879              | 0.4883              |                    | 7.0621              | 7.3633              | 30                             |
| 40                             | 8.8174   | 8.0637   |                    | 0.4880              | 0.4886              |                    | 7.0592              | 7.3604              | 20                             |
| 50                             | 8.8136   | 8.1594   |                    | 0.4882              | 0.4889              |                    | 7.0554              | 7.3566              | 10                             |
| 13 0                           | 8.8090   | 8.2370   |                    | 0.4883              | 0.4891              |                    | 7.0508              | 7.3520              | 23 0                           |
| 10                             | 8.8035   | 8.3022   |                    | 0.4884              | 0.4894              |                    | 7.0452              | 7.3464              | 50                             |
| 20                             | 8.7970   | 8.3581   |                    | 0.4886              | 0.4897              |                    | 7.0388              | 7.3400              | 40                             |
| 30                             | 8.7897   | 8.4069   |                    | 0.4887              | 0.4900              |                    | 7.0314              | 7.3326              | 30                             |
| 40                             | 8.7813   | 8.4500   |                    | 0.4888              | 0.4902              |                    | 7.0231              | 7.3243              | 20                             |
| 50                             | 8.7720   | 8.4884   |                    | 0.4890              | 0.4905              |                    | 7.0137              | 7.3149              | 10                             |
| 14 0                           | 8.7616   | 8.5230   |                    | 0.4891              | 0.4907              |                    | 7.0033              | 7.3045              | 22 0                           |
| 10                             | 8.7501   | 8.5543   |                    | 0.4892              | 0.4910              |                    | 6.9918              | 7.2930              | 50                             |
| 20                             | 8.7374   | 8.5826   |                    | 0.4893              | 0.4912              |                    | 6.9792              | 7.2804              | 40                             |
| 30                             | 8.7235   | 8.6085   |                    | 0.4894              | 0.4914              |                    | 6.9653              | 7.2665              | 30                             |
| 40                             | 8.7083   | 8.6321   |                    | 0.4896              | 0.4917              |                    | 6.9501              | 7.2513              | 20                             |
| 50                             | 8.6917   | 8.6537   |                    | 0.4897              | 0.4919              |                    | 6.9334              | 7.2346              | 10                             |
| 15 0                           | 8.6735   | 8.6735   |                    | 0.4898              | 0.4921              |                    | 6.9153              | 7.2165              | 21 0                           |
| 10                             | 8.6537   | 8.6917   |                    | 0.4899              | 0.4923              |                    | 6.8955              | 7.1967              | 50                             |
| 20                             | 8.6321   | 8.7083   |                    | 0.4900              | 0.4925              |                    | 6.8739              | 7.1751              | 40                             |
| 30                             | 8.6085   | 8.7235   |                    | 0.4900              | 0.4926              |                    | 6.8503              | 7.1515              | 30                             |
| 40                             | 8.5826   | 8.7374   |                    | 0.4901              | 0.4928              |                    | 6.8244              | 7.1256              | 20                             |
| 50                             | 8.5543   | 8.7501   |                    | 0.4902              | 0.4930              |                    | 6.7960              | 7.0972              | 10                             |
| 16 0                           | 8.5230   | 8.7616   |                    | 0.4903              | 0.4931              |                    | 6.7648              | 7.0660              | 20 0                           |
| 10                             | 8.4884   | 8.7720   |                    | 0.4904              | 0.4932              |                    | 6.7302              | 7.0314              | 50                             |
| 20                             | 8.4500   | 8.7813   |                    | 0.4904              | 0.4934              |                    | 6.6918              | 6.9930              | 40                             |
| 30                             | 8.4069   | 8.7897   |                    | 0.4905              | 0.4935              |                    | 6.6486              | 6.9498              | 30                             |
| 40                             | 8.3581   | 8.7970   |                    | 0.4905              | 0.4936              |                    | 6.5999              | 6.9011              | 20                             |
| 50                             | 8.3022   | 8.8035   |                    | 0.4906              | 0.4937              |                    | 6.5440              | 6.8452              | 10                             |
| 17 0                           | 8.2370   | 8.8090   |                    | 0.4906              | 0.4938              |                    | 6.4788              | 6.7800              | 19 0                           |
| 10                             | 8.1594   | 8.8136   |                    | 0.4906              | 0.4938              |                    | 6.4011              | 6.7023              | 50                             |
| 20                             | 8.0637   | 8.8174   |                    | 0.4907              | 0.4939              |                    | 6.3055              | 6.6067              | 40                             |
| 30                             | 7.9397   | 8.8203   |                    | 0.4907              | 0.4939              |                    | 6.1815              | 6.4827              | 30                             |
| 40                             | 7.7643   | 8.8224   |                    | 0.4907              | 0.4940              |                    | 6.0061              | 6.3073              | 20                             |
| 50                             | -7.4637+ | -8.8236— |                    | 0.4907+             | +0.4940+            |                    | +5.7055—            | +6.0067—            | 10                             |
| 18 0                           | —∞       | -8.8240— | +0.4874+           | +0.4907+            | +0.4940+            | —∞                 | —∞                  | —∞                  | 18 0                           |
| A. R.                          | log a    | log b    | $\delta = 0^\circ$ | $\delta = -1^\circ$ | $\delta = -2^\circ$ | $\delta = 0^\circ$ | $\delta = -1^\circ$ | $\delta = -2^\circ$ | A. R.                          |
|                                |          |          | log c              |                     |                     | log d              |                     |                     |                                |

Bem. a. und b. hängen allerdings auch von der Declination ab, doch ist der Einfluss der Aenderung der Declination um  $1^\circ$  auf die vierte Stelle unmerklich. Sie sind für  $\delta = -1^\circ$  berechnet.



| A. R.                          | log a'             |                     |                     | log b'             |                     |                     | log c'   | log d'   | A. R.                          |
|--------------------------------|--------------------|---------------------|---------------------|--------------------|---------------------|---------------------|----------|----------|--------------------------------|
|                                | $\delta = 0^\circ$ | $\delta = -1^\circ$ | $\delta = -2^\circ$ | $\delta = 0^\circ$ | $\delta = -1^\circ$ | $\delta = -2^\circ$ |          |          |                                |
| 12 <sup>h</sup> 0 <sup>m</sup> | +9.6373+           | +9.6373+            | +9.6373+            | — ∞                | +8.2419—            | +8.5429—            | —1.3022+ | — ∞      | 24 <sup>h</sup> 0 <sup>m</sup> |
| 10                             |                    | 9.6365              | 9.6357              |                    | 8.2414              | 8.5424              | 1.3018   | +8.6397+ | 50                             |
| 20                             |                    | 9.6357              | 9.6341              |                    | 8.2402              | 8.5412              | 1.3006   | 8.9403   | 40                             |
| 30                             |                    | 9.6350              | 9.6326              |                    | 8.2381              | 8.5391              | 1.2985   | 9.1157   | 30                             |
| 40                             |                    | 9.6342              | 9.6311              |                    | 8.2352              | 8.5362              | 1.2956   | 9.2397   | 20                             |
| 50                             |                    | 9.6335              | 9.6296              |                    | 8.2314              | 8.5324              | 1.2918   | 9.3353   | 10                             |
| 13 0                           |                    | 9.6327              | 9.6281              |                    | 8.2268              | 8.5278              | 1.2872   | 9.4130   | 23 0                           |
| 10                             |                    | 9.6320              | 9.6266              |                    | 8.2213              | 8.5223              | 1.2817   | 9.4781   | 50                             |
| 20                             |                    | 9.6313              | 9.6251              |                    | 8.2148              | 8.5158              | 1.2752   | 9.5340   | 40                             |
| 30                             |                    | 9.6305              | 9.6236              |                    | 8.2075              | 8.5085              | 1.2679   | 9.5828   | 30*                            |
| 40                             |                    | 9.6298              | 9.6221              |                    | 8.1991              | 8.5001              | 1.2595   | 9.6260   | 20                             |
| 50                             |                    | 9.6291              | 9.6206              |                    | 8.1898              | 8.4908              | 1.2502   | 9.6644   | 10                             |
| 14 0                           |                    | 9.6284              | 9.6192              |                    | 8.1794              | 8.4804              | 1.2398   | 9.6990   | 22 0                           |
| 10                             |                    | 9.6278              | 9.6179              |                    | 8.1679              | 8.4689              | 1.2283   | 9.7302   | 50                             |
| 20                             |                    | 9.6271              | 9.6165              |                    | 8.1552              | 8.4562              | 1.2156   | 9.7586   | 40                             |
| 30                             |                    | 9.6265              | 9.6152              |                    | 8.1413              | 8.4423              | 1.2017   | 9.7844   | 30                             |
| 40                             |                    | 9.6259              | 9.6140              |                    | 8.1261              | 8.4271              | 1.1865   | 9.8081   | 20                             |
| 50                             |                    | 9.6253              | 9.6128              |                    | 8.1095              | 8.4105              | 1.1699   | 9.8297   | 10                             |
| 15 0                           |                    | 9.6247              | 9.6116              |                    | 8.0913              | 8.3923              | 1.1517   | 9.8495   | 21 0                           |
| 10                             |                    | 9.6242              | 9.6105              |                    | 8.0715              | 8.3725              | 1.1319   | 9.8676   | 50                             |
| 20                             |                    | 9.6237              | 9.6095              |                    | 8.0499              | 8.3509              | 1.1103   | 9.8842   | 40                             |
| 30                             |                    | 9.6232              | 9.6084              |                    | 8.0263              | 8.3273              | 1.0867   | 9.8995   | 30                             |
| 40                             |                    | 9.6227              | 9.6074              |                    | 8.0004              | 8.3014              | 1.0608   | 9.9134   | 20                             |
| 50                             |                    | 9.6223              | 9.6065              |                    | 7.9721              | 8.2731              | 1.0325   | 9.9260   | 10                             |
| 16 0                           |                    | 9.6219              | 9.6057              |                    | 7.9408              | 8.2418              | 1.0012   | 9.9375   | 20 0                           |
| 10                             |                    | 9.6215              | 9.6049              |                    | 7.9063              | 8.2073              | 0.9667   | 9.9479   | 50                             |
| 20                             |                    | 9.6211              | 9.6041              |                    | 7.8678              | 8.1688              | 0.9282   | 9.9573   | 40                             |
| 30                             |                    | 9.6208              | 9.6034              |                    | 7.8247              | 8.1257              | 0.8851   | 9.9656   | 30                             |
| 40                             |                    | 9.6205              | 9.6028              |                    | 7.7759              | 8.0769              | 0.8363   | 9.9730   | 20                             |
| 50                             |                    | 9.6203              | 9.6022              |                    | 7.7200              | 8.0210              | 0.7804   | 9.9794   | 10                             |
| 17 0                           |                    | 9.6201              | 9.6017              |                    | 7.6549              | 7.9559              | 0.7153   | 9.9849   | 19 0                           |
| 10                             |                    | 9.6199              | 9.6013              |                    | 7.5772              | 7.8782              | 0.6376   | 9.9896   | 50                             |
| 20                             |                    | 9.6197              | 9.6010              |                    | 7.4815              | 7.7825              | 0.5419   | 9.9934   | 40                             |
| 30                             |                    | 9.6196              | 9.6008              |                    | 7.3576              | 7.6586              | 0.4180   | 9.9963   | 30                             |
| 40                             |                    | 9.6195              | 9.6007              |                    | 7.1822              | 7.4832              | 0.2426   | 9.9983   | 20                             |
| 50                             |                    | 9.6194              | 9.6006              |                    | +6.8815—            | +7.1825—            | —9.9419+ | 9.9996   | 10                             |
| 18 0                           | +9.6373+           | +9.6194+            | +9.6006+            | — ∞                | — ∞                 | — ∞                 | — ∞      | +0.0000+ | 18 0                           |
| A. R.                          | $\delta = 0^\circ$ | $\delta = -1^\circ$ | $\delta = -2^\circ$ | $\delta = 0^\circ$ | $\delta = -1^\circ$ | $\delta = -2^\circ$ | log c'   | log d'   | A. R.                          |
|                                | log a'             |                     |                     | log b'             |                     |                     |          |          |                                |

Bem.: c' und d' sind von der Decl. unabhängig.







| Nro. | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 1    |       | 9.0 | 0 <sup>h</sup> 0 <sup>m</sup> 44 <sup>s</sup> .29 | 3.072  | +0.002    | -0° 21' 22" 5        | +20.05  | -0.01     | 1909           |
| 2    |       |     | 44.16                                             |        |           | 23. 1                |         |           | 2211           |
| 3    |       | 9.0 | 1 14.42                                           | 3.072  | 0.002     | -0 30 59. 6          | 20. 05  | 0. 01     | 2368           |
| 4    |       |     | 14.30                                             |        |           | 60. 3                |         |           | 2212           |
| 5    |       | 9.0 | 1 31.22                                           | 3.072  | 0.002     | +0 5 39. 8           | 20. 05  | 0. 01     | 2479           |
| 6    |       |     | 31.28                                             |        |           | 40. 2                |         |           | 2061           |
| 7    |       | 8.8 | 2 27.34                                           | 3.072  | 0.001     | -1 50 10. 7          | 20. 05  | 0. 01     | 5221           |
| 8    |       |     | 27.41                                             |        |           | 11. 3                |         |           | 2291           |
| 9    | 14    | 7.3 | 2 27.66                                           | 3.072  | 0.002     | 0 0 13. 5            | 20. 05  | 0. 01     | 2455           |
| 10   |       |     | 27.99                                             |        |           | 13. 4                |         |           | 5309           |
| 11   |       | 9.0 | 2 48.71                                           | 3.072  | 0.001     | 1 26 54. 0           | 20. 05  | 0. 02     | 2369           |
| 12   |       |     | 48.89                                             |        |           | 54. 3                |         |           | 2292           |
| 13   | 18    | 8.7 | 3 0.82                                            | 3.072  | 0.002     | 0 37 22. 2           | 20. 05  | 0. 02     | 2007           |
| 14   |       |     | 0.98                                              |        |           | 21. 2                |         |           | 1781           |
| 15   |       | 8.0 | 5 6.69                                            | 3.071  | 0.002     | 1 49 5. 9            | 20. 05  | 0. 02     | 1910           |
| 16   |       |     | 6.80                                              |        |           | 8. 3                 |         |           | 1782           |
| 17   |       | 8.3 | 5 35.20                                           | 3.072  | 0.002     | 0 55 30. 9           | 20. 05  | 0. 02     | 2008           |
| 18   |       |     | 34.98                                             |        |           | 32. 1                |         |           | 2213           |
| 19   |       | 8.3 | 7 39.86                                           | 3.072  | 0.003     | 0 43 41. 9           | 20. 04  | 0. 02     | 1911           |
| 20   |       |     | 39.58                                             |        |           | 42. 6                |         |           | 1783           |
| 21   |       | 8.8 | 7 50.41                                           | 3.072  | 0.002     | 1 15 45. 8           | 20. 04  | 0. 03     | 2009           |
| 22   |       |     | 50.38                                             |        |           | 47. 8                |         |           | 2062           |
| 23   |       | 8.0 | 8 25.88                                           | 3.071  | 0.002     | 0 59 52. 6           | 20. 04  | 0. 03     | 2370           |
| 24   |       |     | 25.74                                             |        |           | 52. 0                |         |           | 2214           |
| 25   |       | 8.0 | 8 29.53                                           | 3.071  | 0.002     | 1 43 44. 4           | 20. 04  | 0. 03     | 1912           |
| 26   |       |     | 29.28                                             |        |           | 47. 5                |         |           | 2063           |
| 27   | 73    | 8.7 | 9 53.82                                           | 3.072  | 0.003     | 0 38 59. 6           | 20. 04  | 0. 03     | 2371           |
| 28   |       |     | 53.80                                             |        |           | 58. 6                |         |           | 1784           |
| 29   |       | 9.0 | 10 40.41                                          | 3.070  | 0.002     | 1 45 47. 3           | 20. 03  | 0. 03     | 2010           |
| 30   |       |     | 40.36                                             |        |           | 46. 8                |         |           | 2064           |
| 31   |       | 8.7 | 10 55.96                                          | 3.072  | 0.003     | 0 6 3. 2             | 20. 03  | 0. 03     | 2480           |
| 32   |       |     | 56.11                                             |        |           | 4. 4                 |         |           | 2250           |
| 33   |       | 9.0 | 11 1.25                                           | 3.070  | 0.002     | 1 46 30. 2           | 20. 03  | 0. 03     | 2372           |
| 34   |       |     | 1.27                                              |        |           | 29. 8                |         |           | 2293           |
| 35   | 83    | 7.7 | 11 4.44                                           | 3.072  | 0.003     | 0 22 41. 1           | 20. 03  | 0. 03     | 5155           |
| 36   |       |     | 4.47                                              |        |           | 38. 8                |         |           | 5310           |
| 37   |       | 9.0 | 11 21.20                                          | 3.070  | 0.002     | 1 44 30. 1           | 20. 03  | 0. 03     | 1913           |
| 38   |       |     | 21.19                                             |        |           | 30. 5                |         |           | 2294           |
| 39   |       | 8.6 | 11 27.28                                          | 3.072  | 0.003     | 0 19 16. 7           | 20. 03  | 0. 03     | 2481           |
| 40   |       |     | 27.52                                             |        |           | 16. 6                |         |           | 2251           |
| 41   |       | 7.0 | 11 39.43                                          | 3.072  | 0.003     | 0 4 43. 5            | 20. 03  | 0. 03     | 5156           |
| 42   |       |     | 39.54                                             |        |           | 42. 0                |         |           | 2097           |
| 43   |       | 7.5 | 12 52.34                                          | 3.072  | 0.003     | 0 10 25. 1           | 20. 02  | 0. 04     | 1914           |
| 44   |       |     | 52.66                                             |        |           | 25. 0                |         |           | 1785           |
| 45   |       | 8.5 | 0 14 26.09                                        | 3.070  | +0.002    | -1 33 54. 8          | +20. 01 | -0. 04    | 2011           |



| Nro. | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|----------|-----------|----------------|
| 46   |       |     | 0 <sup>h</sup> 14 <sup>m</sup> 25 <sup>s</sup> 92 |        |           | —1° 33' 54'' 4       |          |           | 1786           |
| 47   |       | 9.0 | 15 4.78                                           | 3.070  | +0.002    | 1 38 10.1            | +20'' 01 | —0'' 04   | 2373           |
| 48   |       |     | 4.81                                              |        |           | 9.0                  |          |           | 2065           |
| 49   |       | 8.3 | 15 27.04                                          | 3.071  | 0.003     | 0 41 54.2            | 20.01    | 0.04      | 1915           |
| 50   |       |     | 27.12                                             |        |           | 53.2                 |          |           | 2215           |
| 51   |       | 9.0 | 15 50.19                                          | 3.070  | 0.002     | 1 38 18.8            | 20.01    | 0.04      | 2374           |
| 52   |       |     | 50.47                                             |        |           | 18.7                 |          |           | 2295           |
| 53   |       | 8.8 | 16 29.06                                          | 3.071  | 0.003     | 0 30 52.3            | 20.00    | 0.04      | 2012           |
| 54   |       |     | 29.14                                             |        |           | 52.8                 |          |           | 1787           |
| 55   |       | 8.5 | 16 57.72                                          | 3.072  | 0.003     | 0 14 30.0            | 20.00    | 0.04      | 2482           |
| 56   |       |     | 57.83                                             |        |           | 28.6                 |          |           | 2066           |
| 57   | 125   | 8.3 | 17 16.37                                          | 3.070  | 0.002     | 1 14 2.4             | 20.00    | 0.04      | 1916           |
| 58   |       |     | 16.54                                             |        |           | 5.6                  |          |           | 2252           |
| 59   | 127   | 8.3 | 17 25.09                                          | 3.071  | 0.003     | 0 34 19.9            | 20.00    | 0.04      | 2375           |
| 60   |       |     | 25.10                                             |        |           | 17.9                 |          |           | 2296           |
| 61   |       | 8.5 | 18 16.55                                          | 3.071  | 0.003     | 0 28 61.2            | 19.99    | 0.05      | 2013           |
| 62   |       |     | 16.42                                             |        |           | 58.4                 |          |           | 2067           |
| 63   |       | 8.3 | 19 40.08                                          | 3.072  | 0.003     | 0 15 7.1             | 19.98    | 0.05      | 1917           |
| 64   |       |     | 40.04                                             |        |           | 6.1                  |          |           | 1788           |
| 65   |       | 6.2 | 20 12.73                                          | 3.071  | 0.003     | 0 44 33.0            | 19.98    | 0.05      | 2014           |
| 66   |       |     | 12.50                                             |        |           | 31.1                 |          |           | 2068           |
| 67   |       | 8.0 | 20 29.03                                          | 3.069  | 0.002     | 1 37 16.4            | 19.97    | 0.05      | 2376           |
| 68   |       |     | 28.77                                             |        |           | 16.4                 |          |           | 2498           |
| 69   |       | 8.8 | 22 46.53                                          | 3.069  | 0.002     | 1 21 23.0            | 19.95    | 0.06      | 1918           |
| 70   |       |     | 46.32                                             |        |           | 23.3                 |          |           | 2297           |
| 71   |       | 8.3 | 22 45.95                                          | 3.071  | 0.003     | 0 39 1.8             | 19.95    | 0.06      | 2015           |
| 72   |       |     | 45.60                                             |        |           | 1.1                  |          |           | 2499           |
| 73   | 160   | 7.7 | 23 26.77                                          | 3.070  | 0.003     | 1 0 47.0             | 19.95    | 0.06      | 5222           |
| 74   |       |     | 26.60                                             |        |           | 46.8                 |          |           | 1789           |
| 75   |       | 7.8 | 23 30.36                                          | 3.069  | 0.002     | 1 48 23.8            | 19.95    | 0.06      | 5157           |
| 76   |       |     | 30.39                                             |        |           | 22.4                 |          |           | 2069           |
| 77   |       | 8.3 | 24 7.33                                           | 3.070  | 0.003     | 1 3 47.6             | 19.94    | 0.06      | 1919           |
| 78   |       |     | 7.23                                              |        |           | 49.4                 |          |           | 2253           |
| 79   |       | 9.0 | 24 29.57                                          | 3.070  | 0.003     | 0 50 41.7            | 19.94    | 0.06      | 2483           |
| 80   |       |     | 29.64                                             |        |           | 42.7                 |          |           | 5311           |
| 81   |       | 8.8 | 25 27.63                                          | 3.070  | 0.003     | 0 51 41.1            | 19.93    | 0.06      | 2016           |
| 82   |       |     | 27.71                                             |        |           | 39.8                 |          |           | 2298           |
| 83   | 179   | 8.3 | 26 25.23                                          | 3.069  | 0.003     | 1 8 7.1              | 19.92    | 0.06      | 1920           |
| 84   |       |     | 25.76                                             |        |           | 8.8                  |          |           | 1790           |
| 85   |       | 9.0 | 26 42.50                                          | 3.068  | 0.003     | 1 33 27.1            | 19.92    | 0.06      | 2377           |
| 86   |       |     | 42.73                                             |        |           | 27.0                 |          |           | 6010           |
| 87   |       |     | 42.60                                             |        |           | 27.6                 |          |           | 5312           |
| 88*  |       | 7.5 | 27 5.53                                           | 3.068  | 0.003     | 1 17 54.0            | 19.91    | 0.06      | 2017           |
| 89   |       |     | 5.28                                              |        |           | 53.9                 |          |           | 2070           |
| 90   |       | 8.5 | 0 27 18.33                                        | 3.069  | +0.003    | —1 2 28.8            | +19.91   | —0.06     | 1921           |

88. Fäden stimmen schlecht.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                                       | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|--------------------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 91   |       |     | <sup>0</sup> <sup>h</sup> 27 <sup>m</sup> 18 <sup>s</sup> 30 |        |           | —1° 2' 31" 4         |         |           | 2254           |
| 92   |       | 8.8 | 29 5.78                                                      | 3.067  | +0.003    | 1 46 31.0            | +19" 89 | —0" 07    | 2378           |
| 93   |       |     | 5.84                                                         |        |           | 31.5                 |         |           | 2299           |
| 94   |       | 5.8 | 29 7.67                                                      | 3.069  | 0.003     | 1 11 33.2            | 19.89   | 0.07      | 2456           |
| 95   |       |     | 7.66                                                         |        |           | 33.9                 |         |           | 2071           |
| 96   |       | 8.5 | 29 25.59                                                     | 3.067  | 0.003     | 1 35 14.0            | 19.89   | 0.07      | 1922           |
| 97   |       |     | 25.59                                                        |        |           | 15.0                 |         |           | 2098           |
| 98   |       | 9.0 | 30 0.50                                                      | 3.068  | 0.003     | —1 16 13.9           | 19.88   | 0.07      | 2379           |
| 99   |       |     | 0.65                                                         |        |           | 14.0                 |         |           | 2255           |
| 100  |       | 8.8 | 30 17.45                                                     | 3.072  | 0.004     | +0 5 31.5            | 19.88   | 0.07      | 2484           |
| 101  |       |     | 17.71                                                        |        |           | 33.2                 |         |           | 2300           |
| 102  |       | 8.8 | 30 46.13                                                     | 3.067  | 0.003     | —1 33 12.1           | 19.87   | 0.07      | 2018           |
| 103  |       |     | 46.04                                                        |        |           | 8.3                  |         |           | 2500           |
| 104  |       | 9.0 | 30 52.62                                                     | 3.070  | 0.004     | 0 43 16.3            | 19.87   | 0.07      | 5158           |
| 105  |       |     | 52.55                                                        |        |           | 14.9                 |         |           | 5313           |
| 106  |       | 8.8 | 31 11.60                                                     | 3.069  | 0.003     | 1 0 49.2             | 19.87   | 0.07      | 1923           |
| 107  |       |     | 11.08                                                        |        |           | 51.4                 |         |           | 5314           |
| 108  |       | 9.0 | 31 33.18                                                     | 3.071  | 0.004     | 0 14 60.0            | 19.86   | 0.07      | 1817           |
| 109  |       |     | 32.90                                                        |        |           | 59.1                 |         |           | 2301           |
| 110  |       | 6.8 | 31 41.23                                                     | 3.068  | 0.003     | 1 11 28.5            | 19.86   | 0.07      | 2457           |
| 111  |       |     | 41.01                                                        |        |           | 29.1                 |         |           | 2034           |
| 112  |       | 8.8 | 31 54.95                                                     | 3.067  | 0.003     | 1 38 33.9            | 19.86   | 0.07      | 2380           |
| 113  |       |     | 55.11                                                        |        |           | 32.9                 |         |           | 2501           |
| 114  |       | 9.0 | 32 35.58                                                     | 3.067  | 0.003     | 1 51 20.5            | 19.85   | 0.08      | 2485           |
| 115  |       |     | 35.14                                                        |        |           | 21.5                 |         |           | 5315           |
| 116  |       | 9.0 | 34 27.96                                                     | 3.066  | 0.003     | 1 38 57.1            | 19.83   | 0.08      | 2381           |
| 117  |       |     | 28.04                                                        |        |           | 57.4                 |         |           | 2302           |
| 118  |       | 9.0 | 34 32.10                                                     | 3.066  | 0.004     | —0 57 55.4           | 19.83   | 0.08      | 2486           |
| 119* |       |     | 32.77                                                        |        |           | 57.8                 |         |           | 2256           |
| 120  |       | 8.8 | 34 58.06                                                     | 3.072  | 0.004     | +0 1 18.5            | 19.82   | 0.08      | 1818           |
| 121  |       |     | 57.87                                                        |        |           | 19.9                 |         |           | 1791           |
| 122  |       | 9.0 | 35 19.17                                                     | 3.070  | 0.004     | —0 34 22.2           | 19.82   | 0.08      | 1924           |
| 123  |       |     | 18.82                                                        |        |           | 21.0                 |         |           | 2502           |
| 124  |       | 9.0 | 35 44.51                                                     | 3.065  | 0.003     | 1 53 27.6            | 19.81   | 0.08      | 2019           |
| 125  |       |     | 44.22                                                        |        |           | 25.4                 |         |           | 5316           |
| 126  |       | 9.0 | 36 4.42                                                      | 3.070  | 0.004     | 0 47 8.7             | 19.81   | 0.08      | 2382           |
| 127  |       |     | 4.42                                                         |        |           | 9.1                  |         |           | 5317           |
| 128  |       | 8.5 | 36 12.84                                                     | 3.069  | 0.003     | —1 1 51.9            | 19.80   | 0.08      | 2458           |
| 129  |       |     | 13.08                                                        |        |           | 53.2                 |         |           | 2099           |
| 130  |       | 8.5 | 36 18.44                                                     | 3.072  | 0.004     | +0 3 6.3             | 19.80   | 0.08      | 1925           |
| 131  |       |     | 18.64                                                        |        |           | 4.6                  |         |           | 2216           |
| 132  |       | 8.7 | 37 2.33                                                      | 3.067  | 0.003     | —1 34 20.1           | 19.79   | 0.08      | 1819           |
| 133  |       |     | 2.31                                                         |        |           | 18.4                 |         |           | 1792           |
| 134  | 253   | 8.8 | 0 38 2.85                                                    | 3.072  | +0.004    | —0 9 37.6            | +19.78  | —0.09     | 2020           |
| 135  |       |     | 2.80                                                         |        |           | 36.9                 |         |           | 2257           |

119. Sehr schwach. Beobachtung unsicher.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                           | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|--------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 136  |       | 9.0 | 0 <sup>h</sup> 38 <sup>m</sup> 4 <sup>s</sup> 95 | 3 <sup>s</sup> 066 | +0 <sup>s</sup> 003 | -1° 24' 11"8         | +19"78  | -0"09     | 2383           |
| 137  |       |     | 5.25                                             |                    |                     | 10. 2                |         |           | 2303           |
| 138  |       | 6.8 | 38 44.49                                         | 3.071              | 0.004               | 0 25 45. 4           | 19. 77  | 0. 09     | 1926           |
| 139  |       |     | 44.28                                            |                    |                     | 45. 9                |         |           | 2035           |
| 140  |       | 9.0 | 39 14.79                                         | 3.068              | 0.003               | 1 4 7. 2             | 19. 76  | 0. 09     | 1820           |
| 141  |       |     | 14.72                                            |                    |                     | 9. 6                 |         |           | 2304           |
| 142  |       | 8.3 | 39 20.85                                         | 3.065              | 0.003               | 1 52 9. 7            | 19. 76  | 0. 09     | 2459           |
| 143  |       |     | 20.91                                            |                    |                     | 11. 6                |         |           | 2217           |
| 144  |       | 7.8 | 39 29.24                                         | 3.072              | 0.004               | 0 6 18. 7            | 19. 76  | 0. 09     | 5159           |
| 145  |       |     | 29.38                                            |                    |                     | 17. 7                |         |           | 2100           |
| 146  |       | 8.8 | 39 31.54                                         | 3.066              | 0.003               | 1 29 15. 4           | 19. 76  | 0. 09     | 2384           |
| 147  |       |     | 31.72                                            |                    |                     | 14. 8                |         |           | 2258           |
| 148  |       | 8.8 | 39 37.03                                         | 3.071              | 0.004               | 0 9 61. 2            | 19. 75  | 0. 09     | 2487           |
| 149  |       |     | 36.88                                            |                    |                     | 59. 1                |         |           | 5318           |
| 150  |       | 8.8 | 40 10.08                                         | 3.066              | 0.003               | 1 31 9. 1            | 19. 75  | 0. 09     | 2460           |
| 151  |       |     | 10.24                                            |                    |                     | 7. 6                 |         |           | 6011           |
| 152  |       |     | 10.22                                            |                    |                     | 7. 2                 |         |           | 5753           |
| 153  |       | 7.8 | 40 28.57                                         | 3.067              | 0.004               | 0 18 16. 3           | 19. 74  | 0. 09     | 2488           |
| 154  |       |     | 28.64                                            |                    |                     | 15. 8                |         |           | 2503           |
| 155  |       | 8.8 | 40 48.23                                         | 3.065              | 0.003               | 1 50 18. 5           | 19. 74  | 0. 09     | 1927           |
| 156  |       |     | 48.30                                            |                    |                     | 21. 9                |         |           | 2305           |
| 157  | 277   | 8.3 | 41 36.64                                         | 3.068              | 0.004               | 0 55 30. 2           | 19. 73  | 0. 09     | 1821           |
| 158  |       |     | 36.69                                            |                    |                     | 30. 4                |         |           | 1793           |
| 159  |       | 8.0 | 41 56.64                                         | 3.067              | 0.003               | 1 10 17. 3           | 19. 72  | 0. 09     | 2021           |
| 160  |       |     | 56.46                                            |                    |                     | 16. 6                |         |           | 2218           |
| 161  |       | 7.8 | 42 8.37                                          | 3.071              | 0.004               | 0 17 62. 9           | 19. 72  | 0. 09     | 2385           |
| 162  |       |     | 8.52                                             |                    |                     | 58. 5                |         |           | 2259           |
| 163  |       | 8.8 | 43 10.84                                         | 3.072              | 0.004               | 0 5 36. 9            | 19. 70  | 0. 10     | 1822           |
| 164  |       |     | 10.79                                            |                    |                     | 35. 3                |         |           | 1794           |
| 165  |       | 9.0 | 43 22.68                                         | 3.070              | 0.004               | 0 25 17. 8           | 19. 70  | 0. 10     | 1928           |
| 166  |       |     | 22.69                                            |                    |                     | 19. 0                |         |           | 2306           |
| 167  |       | 7.0 | 43 31.08                                         | 3.068              | 0.004               | 0 54 22. 6           | 19. 69  | 0. 10     | 2022           |
| 168  |       |     | 31.01                                            |                    |                     | 20. 0                |         |           | 2101           |
| 169  |       | 8.4 | 44 9.15                                          | 3.071              | 0.004               | 0 11 9. 4            | 19. 68  | 0. 10     | 2489           |
| 170  |       |     | 9.10                                             |                    |                     | 11. 4                |         |           | 2504           |
| 171  |       | 8.5 | 44 16.18                                         | 3.069              | 0.004               | 0 45 23. 5           | 19. 68  | 0. 10     | 2461           |
| 172  |       |     | 16.29                                            |                    |                     | 24. 2                |         |           | 2260           |
| 173  |       | 9.0 | 44 29.69                                         | 3.068              | 0.004               | 1 1 26. 4            | 19. 68  | 0. 10     | 2386           |
| 174  |       |     | 29.82                                            |                    |                     | 26. 0                |         |           | 5319           |
| 175  |       | 9.0 | 44 41.56                                         | 3.065              | 0.003               | 1 41 1. 2            | 19. 67  | 0. 10     | 1929           |
| 176  |       |     | 41.63                                            |                    |                     | 4. 8                 |         |           | 2307           |
| 177  |       |     | 41.64                                            |                    |                     | 4. 0                 |         |           | 5754           |
| 178  |       | 8.8 | 44 52.80                                         | 3.067              | 0.004               | 1 12 58. 2           | 19. 67  | 0. 10     | 5160           |
| 179  |       |     | 52.86                                            |                    |                     | 60. 3                |         |           | 5320           |
| 180  |       | 8.5 | 0 45 14.48                                       | 3.067              | +0.004              | -1 10 4. 4           | +19. 67 | -0. 10    | 1823           |



| Nro. | Schj. | Gr. | Rectascension<br>1875.                          | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|-------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 181  |       |     | <sup>h</sup> 45 <sup>m</sup> 14 <sup>s</sup> 55 |        |           | — 1° 10' 2" 8        |        |           | 1795           |
| 182  |       | 8.8 | 45 53.55                                        | 3.067  | +0.004    | 1 2 40.4             | +19"65 | —0"10     | 2023           |
| 183  |       |     | 53.06                                           |        |           | 40.3                 |        |           | 2505           |
| 184  |       | 9.0 | 46 30.76                                        | 3.067  | 0.004     | 1 7 40.9             | 19.64  | 0.10      | 2387           |
| 185  |       |     | 31.14                                           |        |           | 39.1                 |        |           | 2261           |
| 186  |       | 8.3 | 46 30.61                                        | 3.067  | 0.004     | 1 3 37.9             | 19.64  | 0.10      | 2024           |
| 187  |       |     | 30.78                                           |        |           | 37.5                 |        |           | 2308           |
| 188  |       | 5.2 | 46 37.01                                        | 3.064  | 0.004     | 1 49 25.0            | 19.64  | 0.10      | 2462           |
| 189  |       |     | 37.11                                           |        |           | 26.5                 |        |           | 2036           |
| 190  |       | 8.8 | 46 59.56                                        | 3.065  | 0.004     | 1 27 17.5            | 19.63  | 0.10      | 1824           |
| 191  |       |     | 59.70                                           |        |           | 15.8                 |        |           | 1796           |
| 192* |       | 9.0 | 48 8.40                                         | 3.067  | 0.004     | 1 3 44.2             | 19.61  | 0.11      | 1930           |
| 193  |       |     | 8.62                                            |        |           | 44.5                 |        |           | 2262           |
| 194  |       | 7.6 | 49 9.46                                         | 3.069  | 0.005     | 0 39 26.4            | 19.60  | 0.11      | 1825           |
| 195  |       |     | 9.35                                            |        |           | 24.0                 |        |           | 1797           |
| 196* |       | 9.0 | 49 23.32                                        | 3.065  | 0.004     | 1 28 21.7            | 19.59  | 0.11      | 2025           |
| 197  |       |     | 23.17                                           |        |           | 21.2                 |        |           | 2309           |
| 198  |       | 9.0 | 49 42.31                                        | 3.067  | 0.004     | 1 3 54.5             | 19.58  | 0.11      | 1931           |
| 199  |       |     | 41.92                                           |        |           | 54.1                 |        |           | 2506           |
| 200  |       | 8.9 | 49 57.10                                        | 3.071  | 0.005     | 0 16 51.0            | 19.58  | 0.11      | 2388           |
| 201  |       |     | 56.92                                           |        |           | 50.8                 |        |           | 2514           |
| 202  |       | 8.1 | 50 35.25                                        | 3.071  | 0.005     | 0 13 29.4            | 19.57  | 0.11      | 2463           |
| 203  |       |     | 35.35                                           |        |           | 29.5                 |        |           | 2515           |
| 204  |       | 9.0 | 50 36.55                                        | 3.066  | 0.004     | 1 8 60.3             | 19.57  | 0.11      | 2389           |
| 205  |       |     | 36.77                                           |        |           | 57.5                 |        |           | 2263           |
| 206  | 331   | 7.5 | 50 49.02                                        | 3.071  | 0.005     | 0 20 7.2             | 19.56  | 0.11      | 1826           |
| 207* |       |     | 49.06                                           |        |           | 4.1                  |        |           | 1798           |
| 208  |       | 8.8 | 51 36.56                                        | 3.065  | 0.004     | 1 25 26.1            | 19.55  | 0.11      | 2490           |
| 209  |       |     | 36.64                                           |        |           | 27.0                 |        |           | 2507           |
| 210  |       | 8.4 | 52 43.45                                        | 3.068  | 0.005     | 0 49 11.5            | 19.53  | 0.11      | 5161           |
| 211  |       |     | 43.44                                           |        |           | 13.8                 |        |           | 2310           |
| 212  |       | 9.0 | 52 43.80                                        | 3.071  | 0.005     | 0 7 51.4             | 19.53  | 0.11      | 2390           |
| 213  |       |     | 43.88                                           |        |           | 49.4                 |        |           | 2264           |
| 214  |       | 7.7 | 52 56.82                                        | 3.065  | 0.004     | 1 20 57.3            | 19.52  | 0.11      | 1827           |
| 215  |       |     | 57.01                                           |        |           | 55.6                 |        |           | 1799           |
| 216  |       | 8.8 | 53 11.26                                        | 3.062  | 0.004     | 1 52 12.5            | 19.52  | 0.11      | 5223           |
| 217  |       |     | 11.14                                           |        |           | 11.5                 |        |           | 2516           |
| 218  |       | 8.5 | 53 12.21                                        | 3.072  | 0.005     | 0 0 13.4             | 19.52  | 0.11      | 2464           |
| 219  |       |     | 12.26                                           |        |           | 11.7                 |        |           | 2508           |
| 220  |       | 9.0 | 53 20.47                                        | 3.066  | 0.004     | 1 14 33.5            | 19.51  | 0.11      | 2491           |
| 221  |       |     | 20.30                                           |        |           | 35.3                 |        |           | 5321           |
| 222  |       | 8.9 | 53 38.66                                        | 3.070  | 0.005     | 0 17 41.7            | 19.51  | 0.11      | 1932           |
| 223  |       |     | 38.73                                           |        |           | 40.6                 |        |           | 2311           |
| 224  |       | 9.0 | 0 53 49.43                                      | 3.062  | +0.004    | — 1 45 15.8          | +19.50 | —0.11     | 5162           |
| 225  |       |     | 49.40                                           |        |           | 18.5                 |        |           | 5322           |

192. Sehr hell für 9<sup>m</sup>o. — 196. Sehr hell für 9<sup>m</sup>o. — 207. Decl. unsicher.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|----------|-----------|----------------|
| 226  |       | 8.4 | 0 <sup>h</sup> 54 <sup>m</sup> 26 <sup>s</sup> 39 | 3 <sup>s</sup> 063 | +0 <sup>s</sup> 004 | -1° 41' 46'' 8       | +19'' 49 | -0'' 12   | 1828           |
| 227  |       |     | 26.50                                             |                    |                     | 44. 8                |          |           | 1800           |
| 228  |       | 8.8 | 54 29.55                                          | 3.064              | 0.004               | 1 32 39. 9           | 19. 49   | 0. 12     | 2026           |
| 229  |       |     | 29.67                                             |                    |                     | 37. 7                |          |           | 2265           |
| 230  |       | 8.5 | 55 9.71                                           | 3.067              | 0.005               | 0 59 38. 0           | 19. 48   | 0. 12     | 2465           |
| 231  |       |     | 9.75                                              |                    |                     | 36. 9                |          |           | 2517           |
| 232  |       | 8.9 | 55 30.58                                          | 3.071              | 0.005               | 0 15 19. 0           | 19. 47   | 0. 12     | 2391           |
| 233  |       |     | 30.81                                             |                    |                     | 18. 2                |          |           | 2107           |
| 234  |       | 8.2 | 57 53.15                                          | 3.072              | 0.005               | 0 3 21. 1            | 19. 42   | 0. 12     | 1829           |
| 235  |       |     | 53.36                                             |                    |                     | 20. 5                |          |           | 2312           |
| 236  |       | 9.0 | 59 12.17                                          | 3.068              | 0.005               | 0 50 30. 2           | 19. 39   | 0. 12     | 1933           |
| 237  |       |     | 12.23                                             |                    |                     | 30. 9                |          |           | 2313           |
| 238  |       | 8.4 | 59 26.14                                          | 3.070              | 0.005               | 0 19 37. 1           | 19. 38   | 0. 12     | 1830           |
| 239  |       |     | 26.46                                             |                    |                     | 34. 6                |          |           | 1801           |
| 240  |       | 8.1 | 0 59 51.33                                        | 3.067              | 0.005               | 0 56 7. 2            | 19. 37   | 0. 12     | 2392           |
| 241  |       |     | 51.51                                             |                    |                     | 9. 2                 |          |           | 2108           |
| 242  |       | 8.0 | 1 0 1.84                                          | 3.064              | 0.004               | 1 25 5. 6            | 19. 37   | 0. 12     | 2466           |
| 243  |       |     | 1.50                                              |                    |                     | 6. 4                 |          |           | 2037           |
| 244  |       | 8.3 | 0 24.35                                           | 3.063              | 0.004               | 1 36 27. 4           | 19. 36   | 0. 12     | 2027           |
| 245  |       |     | 24.18                                             |                    |                     | 27. 5                |          |           | 2266           |
| 246  |       | 8.5 | 0 41.30                                           | 3.065              | 0.004               | 1 15 38. 6           | 19. 36   | 0. 12     | 2393           |
| 247  |       |     | 41.47                                             |                    |                     | 37. 8                |          |           | 2314           |
| 248  |       | 9.0 | 3 23.95                                           | 3.064              | 0.004               | 1 24 4. 1            | 19. 29   | 0. 13     | 1831           |
| 249  |       |     | 24.38                                             |                    |                     | 3. 8                 |          |           | 2109           |
| 250  |       | 8.8 | 4 33.52                                           | 3.061              | 0.004               | 1 39 31. 4           | 19. 26   | 0. 13     | 1934           |
| 251  |       |     | 33.36                                             |                    |                     | 31. 8                |          |           | 2110           |
| 252  |       | 8.8 | 5 23.93                                           | 3.062              | 0.004               | 1 35 55. 9           | 19. 24   | 0. 13     | 1935           |
| 253  |       |     | 24.06                                             |                    |                     | 57. 0                |          |           | 2315           |
| 254  | 386   | 8.0 | 5 27.95                                           | 3.065              | 0.005               | 1 6 39. 1            | 19. 24   | 0. 13     | 2028           |
| 255  |       |     | 27.84                                             |                    |                     | 39. 8                |          |           | 2518           |
| 256  |       | 8.8 | 8 7.33                                            | 3.069              | 0.006               | 0 30 38. 6           | 19. 18   | 0. 14     | 2394           |
| 257  |       |     | 7.45                                              |                    |                     | 39. 9                |          |           | 2111           |
| 258  |       | 5.8 | 8 26.30                                           | 3.060              | 0.005               | 1 38 39. 3           | 19. 17   | 0. 14     | 1832           |
| 259  |       |     | 26.37                                             |                    |                     | 37. 5                |          |           | 2219           |
| 260  |       | 9.0 | 10 20.12                                          | 3.065              | 0.005               | 1 6 49. 3            | 19. 12   | 0. 14     | 2395           |
| 261  |       |     | 20.52                                             |                    |                     | 52. 7                |          |           | 5323           |
| 262  |       | 8.5 | 10 42.72                                          | 3.070              | 0.006               | 0 21 39. 0           | 19. 11   | 0. 14     | 1833           |
| 263  |       |     | 42.60                                             |                    |                     | 38. 1                |          |           | 2038           |
| 264  |       | 9.0 | 11 40.96                                          | 3.072              | 0.006               | 0 1 36. 7            | 19. 08   | 0. 14     | 1936           |
| 265  |       |     | 40.85                                             |                    |                     | 38. 4                |          |           | 2112           |
| 266  |       | 8.0 | 12 14.28                                          | 3.062              | 0.005               | 1 31 2. 8            | 19. 07   | 0. 14     | 2467           |
| 267  |       |     | 14.28                                             |                    |                     | 3. 2                 |          |           | 2220           |
| 268  |       | 8.8 | 12 53.68                                          | 3.064              | 0.005               | 1 10 52. 5           | 19. 05   | 0. 15     | 2396           |
| 269  |       |     | 53.69                                             |                    |                     | 53. 4                |          |           | 5324           |
| 270  |       | 8.3 | 1 13 17.86                                        | 3.068              | +0.006              | -0 33 11. 2          | +19. 04  | -0. 15    | 5163           |



| Nro. | Schj. | Gr. | Rectascension<br>1875.                          | Praec. | Var. sec. | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|-------------------------------------------------|--------|-----------|----------------------|----------|-----------|----------------|
| 271  |       |     | <sup>h</sup> 13 <sup>m</sup> 17 <sup>s</sup> 58 |        |           | — 0° 33' 11" 4       |          |           | 2509           |
| 272  |       | 5.8 | 13 24.92                                        | 3.064  | + 0.005   | 1 10 3.0             | + 19' 03 | — 0" 15   | 1937           |
| 273  |       |     | 24.82                                           |        |           | 0.0                  |          |           | 2221           |
| 274  |       | 8.5 | 13 38.11                                        | 3.061  | 0.005     | 1 28 49.3            | 19.03    | 0.15      | 5224           |
| 275  |       |     | 37.92                                           |        |           | 51.0                 |          |           | 2113           |
| 276  |       | 8.8 | 14 50.99                                        | 3.059  | 0.005     | 1 46 12.0            | 18.99    | 0.15      | 1834           |
| 277  |       |     | 51.37                                           |        |           | 10.8                 |          |           | 2267           |
| 278  |       | 9.0 | 15 3.38                                         | 3.066  | 0.006     | 0 48 0.9             | 18.99    | 0.15      | 1938           |
| 279  |       |     | 3.25                                            |        |           | 1.0                  |          |           | 5325           |
| 280  |       | 9.0 | 15 25.69                                        | 3.065  | 0.006     | 1 1 15.6             | 18.98    | 0.15      | 5164           |
| 281  |       |     | 25.68                                           |        |           | 17.1                 |          |           | 2316           |
| 282  |       | 9.0 | 15 37.66                                        | 3.072  | 0.006     | 0 1 54.2             | 18.97    | 0.15      | 2397           |
| 283  |       |     | 37.50                                           |        |           | 52.5                 |          |           | 2114           |
| 284  |       | 7.2 | 16 11.16                                        | 3.063  | 0.005     | — 1 16 14.7          | 18.96    | 0.15      | 5225           |
| 285  |       |     | 11.21                                           |        |           | 14.8                 |          |           | 2102           |
| 286  |       | 8.0 | 16 26.87                                        | 3.072  | 0.006     | + 0 3 56.6           | 18.95    | 0.15      | 5165           |
| 287  |       |     | 26.59                                           |        |           | 57.9                 |          |           | 2222           |
| 288  |       | 8.5 | 16 49.87                                        | 3.072  | 0.006     | — 0 4 40.2           | 18.94    | 0.15      | 2398           |
| 289  |       |     | 49.79                                           |        |           | 38.7                 |          |           | 2519           |
| 290  |       | 9.0 | 17 33.82                                        | 3.072  | 0.006     | 0 18 3.1             | 18.92    | 0.16      | 5166           |
| 291  |       |     | 33.57                                           |        |           | 3.2                  |          |           | 5326           |
| 292  |       | 7.8 | 18 18.40                                        | 3.059  | 0.005     | 1 37 23.2            | 18.90    | 0.16      | 5226           |
| 293  |       |     | 18.15                                           |        |           | 23.5                 |          |           | 2223           |
| 294  |       | 8.5 | 18 39.54                                        | 3.069  | 0.006     | 0 22 57.3            | 18.89    | 0.16      | 5167           |
| 295  |       |     | 39.50                                           |        |           | 56.7                 |          |           | 5327           |
| 296  |       | 8.8 | 18 48.32                                        | 3.059  | 0.005     | 1 42 3.4             | 18.88    | 0.16      | 5227           |
| 297  |       |     | 48.39                                           |        |           | 5.6                  |          |           | 2520           |
| 298  |       | 9.0 | 18 50.33                                        | 3.063  | 0.005     | 1 7 53.8             | 18.88    | 0.16      | 2399           |
| 299  |       |     | 50.33                                           |        |           | 53.8                 |          |           | 2317           |
| 300  |       | 8.6 | 19 58.34                                        | 3.065  | 0.006     | 0 52 21.7            | 18.85    | 0.16      | 1939           |
| 301  |       |     | 58.35                                           |        |           | 23.1                 |          |           | 2103           |
| 302  |       | 8.8 | 19 59.63                                        | 3.060  | 0.005     | 1 31 13.5            | 18.85    | 0.16      | 2400           |
| 303  |       |     | 59.68                                           |        |           | 12.3                 |          |           | 2115           |
| 304  |       | 8.5 | 20 1.49                                         | 3.063  | 0.005     | 1 5 44.8             | 18.84    | 0.16      | 5267           |
| 305  |       |     | 1.80                                            |        |           | 43.8                 |          |           | 5328           |
| 306  |       | 7.2 | 20 3.56                                         | 3.063  | 0.005     | 1 2 57.1             | 18.84    | 0.16      | 1835           |
| 307  |       |     | 3.35                                            |        |           | 58.6                 |          |           | 2224           |
| 308  |       | 8.9 | 20 32.67                                        | 3.067  | 0.006     | 0 40 18.3            | 18.83    | 0.16      | 5268           |
| 309  |       |     | 32.78                                           |        |           | 18.7                 |          |           | 2268           |
| 310  | 446   | 7.8 | 20 35.26                                        | 3.066  | 0.006     | 0 47 41.7            | 18.83    | 0.16      | 5168           |
| 311  |       |     | 35.42                                           |        |           | 41.3                 |          |           | 5329           |
| 312  |       | 8.2 | 20 59.71                                        | 3.067  | 0.006     | 0 35 31.8            | 18.82    | 0.16      | 5228           |
| 313  |       |     | 59.89                                           |        |           | 33.1                 |          |           | 2521           |
| 314  |       | 9.0 | 1 21 5.45                                       | 3.057  | + 0.005   | — 1 50 44.6          | + 18.82  | — 0.16    | 2401           |
| 315  |       |     | 5.43                                            |        |           | 46.0                 |          |           | 2318           |



| Nro. | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 316  |       | 8.3 | 1 <sup>h</sup> 22 <sup>m</sup> 17 <sup>s</sup> 37 | 3 <sup>s</sup> 058 | +0 <sup>s</sup> 005 | -1° 42' 4" 5         | +18" 78 | -0" 16    | 1836           |
| 317  |       |     | 17.27                                             |                    |                     | 4. 2                 |         |           | 2116           |
| 318  |       | 9.0 | 22 21.59                                          | 3.072              | 0.006               | +0 3 46. 8           | 18. 77  | 0. 16     | 1940           |
| 319  |       |     | 21.68                                             |                    |                     | 48. 7                |         |           | 2269           |
| 320  |       | 9.0 | 22 35.82                                          | 3.060              | 0.005               | -1 27 52. 5          | 18. 77  | 0. 17     | 5169           |
| 321  |       |     | 35.75                                             |                    |                     | 54. 1                |         |           | 2522           |
| 322  |       | 8.3 | 23 24.92                                          | 3.063              | 0.005               | 1 5 14. 9            | 18. 74  | 0. 17     | 2402           |
| 323  |       |     | 24.86                                             |                    |                     | 14. 4                |         |           | 2225           |
| 324  |       | 7.7 | 23 28.61                                          | 3.070              | 0.006               | 0 16 23. 2           | 18. 74  | 0. 17     | 1837           |
| 325  |       |     | 28.75                                             |                    |                     | 22. 0                |         |           | 1802           |
| 326  |       | 8.7 | 23 45.07                                          | 3.064              | 0.006               | 0 58 5. 3            | 18. 73  | 0. 17     | 1941           |
| 327  |       |     | 45.14                                             |                    |                     | 5. 4                 |         |           | 2117           |
| 328  |       | 8.3 | 24 10.95                                          | 3.060              | 0.005               | 1 29 3. 8            | 18. 72  | 0. 17     | 5229           |
| 329  |       |     | 11.14                                             |                    |                     | 3. 5                 |         |           | 2104           |
| 330  |       | 9.0 | 24 37.82                                          | 3.059              | 0.005               | 1 35 4. 0            | 18. 70  | 0. 17     | 5170           |
| 331  |       |     | 37.51                                             |                    |                     | 4. 0                 |         |           | 5330           |
| 332  |       | 8.8 | 24 47.89                                          | 3.065              | 0.006               | 0 53 55. 1           | 18. 70  | 0. 17     | 2403           |
| 333  |       |     | 47.94                                             |                    |                     | 52. 9                |         |           | 2523           |
| 334  |       | 8.8 | 25 37.02                                          | 3.062              | 0.006               | 1 12 50. 0           | 18. 67  | 0. 17     | 1838           |
| 335  |       |     | 36.99                                             |                    |                     | 50. 7                |         |           | 2319           |
| 336  |       | 9.0 | 25 43.03                                          | 3.072              | 0.007               | 0 1 3. 5             | 18. 67  | 0. 17     | 1942           |
| 337  |       |     | 42.74                                             |                    |                     | 4. 7                 |         |           | 5331           |
| 338  |       | 8.3 | 26 34.98                                          | 3.068              | 0.007               | 0 31 1. 7            | 18. 64  | 0. 17     | 5171           |
| 339  |       |     | 34.77                                             |                    |                     | 0. 2                 |         |           | 2118           |
| 340* |       | 9.3 | 26 44.76                                          | 3.066              | 0.007               | 0 45 45. 4           | 18. 64  | 0. 17     | 5332           |
| 341  | 470   | 8.5 | 26 56.27                                          | 3.069              | 0.007               | 0 20 58. 6           | 18. 63  | 0. 17     | 2404           |
| 342  |       |     | 56.42                                             |                    |                     | 56. 5                |         |           | 2226           |
| 343* |       | 9.0 | 26 57.85                                          | 3.066              | 0.007               | 0 42 24. 8           | 18. 63  | 0. 17     | 1943           |
| 344  |       |     | 58.00                                             |                    |                     | 25. 5                |         |           | 5376           |
| 345  |       | 9.0 | 27 9.37                                           | 3.071              | 0.007               | 0 10 48. 6           | 18. 62  | 0. 17     | 5230           |
| 346  |       |     | 9.21                                              |                    |                     | 47. 7                |         |           | 5377           |
| 347  |       | 8.8 | 27 34.69                                          | 3.062              | 0.006               | 1 14 32. 7           | 18. 61  | 0. 18     | 5172           |
| 348  |       |     | 34.74                                             |                    |                     | 33. 1                |         |           | 2119           |
| 349  |       | 9.0 | 27 52.02                                          | 3.065              | 0.007               | 0 48 24. 5           | 18. 60  | 0. 18     | 5231           |
| 350  |       |     | 51.84                                             |                    |                     | 27. 9                |         |           | 5333           |
| 351* |       | 8.0 | 28 10.70                                          | 3.069              | 0.007               | 0 24 29. 9           | 18. 59  | 0. 18     | 2468           |
| 352  |       |     | 10.96                                             |                    |                     | 28. 6                |         |           | 2105           |
| 353  |       | 8.3 | 28 37.93                                          | 3.067              | 0.007               | 0 37 15. 3           | 18. 58  | 0. 18     | 5269           |
| 354  |       |     | 37.86                                             |                    |                     | 18. 3                |         |           | 2227           |
| 355  |       | 9.0 | 29 28.06                                          | 3.068              | 0.007               | 0 32 6. 1            | 18. 55  | 0. 18     | 1839           |
| 356  |       |     | 28.15                                             |                    |                     | 7. 2                 |         |           | 2270           |
| 357  |       | 9.0 | 29 41.17                                          | 3.058              | 0.006               | 1 38 42. 3           | 18. 54  | 0. 18     | 5173           |
| 358* |       |     | 41.13                                             |                    |                     | 46. 6                |         |           | 5334           |
| 359  |       | 8.8 | 1 29 49.55                                        | 3.059              | +0.006              | -1 27 24. 3          | +18. 53 | -0. 18    | 5232           |
| 360  |       |     | 49.40                                             |                    |                     | 22. 9                |         |           | 5378           |

340. Nicht in der Bonner Durchm. —  
unsicher.

343. Sehr schwach. —

351. Sehr schwach. —

358. Decl.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 361  |       | 9.0 | 1 <sup>h</sup> 30 <sup>m</sup> 23 <sup>s</sup> 42 | 3 <sup>s</sup> 060 | +0 <sup>s</sup> 006 | -1° 22' 40" 7        | +18" 51 | -0" 18    | 5174           |
| 362  |       |     | 23.26                                             |                    |                     | 38. 7                |         |           | 5335           |
| 363  |       | 8.5 | 30 30.33                                          | 3.062              | 0.006               | 1 10 4. 7            | 18. 51  | 0. 18     | 1944           |
| 364  |       |     | 30.18                                             |                    |                     | 7. 5                 |         |           | 2120           |
| 365  |       | 8.4 | 30 38.16                                          | 3.059              | 0.006               | 1 25 0. 4            | 18. 51  | 0. 18     | 2405           |
| 366  |       |     | 38.22                                             |                    |                     | 1. 9                 |         |           | 2228           |
| 367  |       | 6.5 | 30 52.83                                          | 3.063              | 0.007               | 0 59 11. 4           | 18. 50  | 0. 18     | 1840           |
| 368  |       |     | 52.99                                             |                    |                     | 11. 6                |         |           | 1803           |
| 369  |       | 8.8 | 31 4.98                                           | 3.057              | 0.006               | 1 40 33. 1           | 18. 49  | 0. 18     | 5233           |
| 370  |       |     | 5.04                                              |                    |                     | 33. 3                |         |           | 5379           |
| 371  |       | 9.0 | 32 41.91                                          | 3.059              | 0.006               | 1 26 20. 7           | 18. 44  | 0. 19     | 1841           |
| 372  |       |     | 41.85                                             |                    |                     | 21. 0                |         |           | 5336           |
| 373  |       | 8.3 | 32 43.00                                          | 3.062              | 0.006               | 1 4 33. 6            | 18. 43  | 0. 19     | 2406           |
| 374  |       |     | 43.16                                             |                    |                     | 33. 6                |         |           | 5175           |
| 375  |       |     | 43.10                                             |                    |                     | 34. 9                |         |           | 2121           |
| 376  |       | 7.8 | 33 0.78                                           | 3.072              | 0.007               | 0 1 26. 7            | 18. 43  | 0. 19     | 6012           |
| 377  |       |     | 0.71                                              |                    |                     | 27. 3                |         |           | 2320           |
| 378  |       | 8.5 | 33 11.65                                          | 3.059              | 0.006               | 1 21 24. 2           | 18. 42  | 0. 19     | 5270           |
| 379  |       |     | 11.89                                             |                    |                     | 25. 4                |         |           | 2229           |
| 380  |       | 8.5 | 33 41.43                                          | 3.059              | 0.006               | 1 22 17. 0           | 18. 40  | 0. 19     | 2407           |
| 381  |       |     | 41.15                                             |                    |                     | 15. 7                |         |           | 2510           |
| 382  |       | 7.2 | 33 43.40                                          | 3.064              | 0.007               | 0 52 37. 9           | 18. 40  | 0. 19     | 5234           |
| 383  |       |     | 43.28                                             |                    |                     | 38. 0                |         |           | 5337           |
| 384  |       | 8.9 | 33 59.79                                          | 3.066              | 0.007               | 0 41 15. 7           | 18. 39  | 0. 19     | 5271           |
| 385  |       |     | 60.32                                             |                    |                     | 13. 8                |         |           | 5380           |
| 386  |       | 8.9 | 34 27.09                                          | 3.070              | 0.007               | 0 13 28. 0           | 18. 37  | 0. 19     | 5272           |
| 387  |       |     | 27.05                                             |                    |                     | 27. 0                |         |           | 5381           |
| 388  |       | 7.8 | 34 59.11                                          | 3.062              | 0.006               | 1 8 21. 4            | 18. 36  | 0. 19     | 5176           |
| 389  |       |     | 59.23                                             |                    |                     | 23. 0                |         |           | 5338           |
| 390  | 504   | 8.8 | 35 25.07                                          | 3.065              | 0.007               | 0 47 40. 2           | 18. 34  | 0. 19     | 5235           |
| 391  |       |     | 24.81                                             |                    |                     | 37. 3                |         |           | 2511           |
| 392  |       | 9.0 | 35 37.62                                          | 3.062              | 0.006               | 1 6 50. 7            | 18. 33  | 0. 19     | 2408           |
| 393* |       |     | 37.70                                             |                    |                     | 48. 7                |         |           | 5382           |
| 394  |       | 8.0 | 36 2.69                                           | 3.056              | 0.006               | 1 40 9. 5            | 18. 32  | 0. 19     | 5177           |
| 395  |       |     | 2.69                                              |                    |                     | 10. 7                |         |           | 2230           |
| 396  |       | 8.4 | 36 59.62                                          | 3.061              | 0.006               | 1 12 5. 1            | 18. 28  | 0. 19     | 1842           |
| 397  |       |     | 59.62                                             |                    |                     | 6. 5                 |         |           | 2122           |
| 398  |       | 8.3 | 37 36.27                                          | 3.064              | 0.007               | 0 47 56. 2           | 18. 26  | 0. 20     | 1945           |
| 399  |       |     | 36.30                                             |                    |                     | 56. 3                |         |           | 2321           |
| 400  |       | 8.5 | 38 12.29                                          | 3.069              | 0.007               | 0 17 33. 7           | 18. 24  | 0. 20     | 5178           |
| 401  |       |     | 12.24                                             |                    |                     | 33. 1                |         |           | 5339           |
| 402  | 515   | 8.8 | 38 20.54                                          | 3.061              | 0.006               | 1 7 49. 8            | 18. 24  | 0. 20     | 2409           |
| 403  |       |     | 20.54                                             |                    |                     | 49. 3                |         |           | 2512           |
| 404  |       | 8.8 | 38 34.88                                          | 3.055              | +0.006              | 1 41 5. 5            | +18. 23 | -0. 20    | 1843           |
| 405  |       |     | 34.98                                             |                    |                     | 5. 7                 |         |           | 6013           |

393. Geschätzt 8<sup>m</sup>6.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 406  |       | 9.0 | 1 <sup>h</sup> 39 <sup>m</sup> 30 <sup>s</sup> .99 | 3.068  | +0.007    | —0° 23' 37".3        | +18" 20 | —0" 20    | 1946           |
| 407  |       |     | 30.83                                              |        |           | 38. 4                |         |           | 5340           |
| 408  |       | 9.0 | 39 32.41                                           | 3.071  | 0.007     | 0 10 7. 4            | 18. 20  | 0. 20     | 2410           |
| 409  |       |     | 32.44                                              |        |           | 4. 4                 |         |           | 5383           |
| 410  |       | 8.3 | 39 56.74                                           | 3.067  | 0.007     | 0 33 11. 3           | 18. 18  | 0. 20     | 5236           |
| 411  |       |     | 56.68                                              |        |           | 11. 0                |         |           | 5273           |
| 412  |       |     | 56.79                                              |        |           | 12. 2                |         |           | 6014           |
| 413  |       |     | 56.65                                              |        |           | 13. 0                |         |           | 2123           |
| 414  |       | 8.7 | 40 7.03                                            | 3.063  | 0.007     | 0 56 9. 9            | 18. 17  | 0. 20     | 5179           |
| 415  |       |     | 6.91                                               |        |           | 8. 8                 |         |           | 2513           |
| 416  |       | 8.5 | 40 13.54                                           | 3.067  | 0.007     | 0 30 46. 3           | 18. 17  | 0. 20     | 2124           |
| 417  |       | 8.8 | 40 17.66                                           | 3.068  | 0.007     | 0 25 52. 1           | 18. 17  | 0. 20     | 5274           |
| 418  |       |     | 17.81                                              |        |           | 52. 7                |         |           | 5341           |
| 419  | 528   | 8.0 | 41 11.89                                           | 3.067  | 0.007     | 0 28 11. 4           | 18. 13  | 0. 20     | 1844           |
| 420  |       |     | 12.00                                              |        |           | 12. 3                |         |           | 2072           |
| 421  |       | 8.0 | 41 34.27                                           | 3.057  | 0.006     | 1 34 51. 1           | 18. 12  | 0. 20     | 5180           |
| 422  |       |     | 34.16                                              |        |           | 49. 7                |         |           | 2322           |
| 423  |       | 8.5 | 41 52.72                                           | 3.071  | 0.007     | 0 10 20. 6           | 18. 11  | 0. 20     | 1947           |
| 424  |       |     | 52.73                                              |        |           | 21. 9                |         |           | 5342           |
| 425  |       | 8.8 | 42 17.27                                           | 3.062  | 0.007     | 0 59 9. 2            | 18. 09  | 0. 20     | 2411           |
| 426  |       |     | 17.33                                              |        |           | 6. 5                 |         |           | 5384           |
| 427  |       | 9.0 | 42 54.73                                           | 3.072  | 0.007     | 0 0 58. 5            | 18. 07  | 0. 21     | 1845           |
| 428  |       |     | 54.83                                              |        |           | 59. 8                |         |           | 2323           |
| 429* |       | 9.0 | 43 30.46                                           | 3.054  | 0.006     | 1 50 35. 1           | 18. 04  | 0. 21     | 5181           |
| 430  |       |     | 30.41                                              |        |           | 38. 4                |         |           | 5343           |
| 431* |       | 9.0 | 43 33.68                                           | 3.064  | 0.007     | 0 49 51. 2           | 18. 04  | 0. 21     | 1948           |
| 432* |       |     | 33.33                                              |        |           | 50. 8                |         |           | 6015           |
| 433  |       | 9.0 | 44 29.79                                           | 3.055  | 0.006     | 1 37 53. 5           | 18. 01  | 0. 21     | 2412           |
| 434  |       |     | 29.62                                              |        |           | 53. 9                |         |           | 5344           |
| 435  |       | 8.2 | 44 32.33                                           | 3.063  | 0.007     | 0 54 33. 9           | 18. 01  | 0. 21     | 5237           |
| 436  |       |     | 32.40                                              |        |           | 33. 8                |         |           | 2073           |
| 437  |       | 8.8 | 44 34.78                                           | 3.060  | 0.006     | 1 15 35. 3           | 18. 00  | 0. 21     | 5182           |
| 438  |       |     | 34.89                                              |        |           | 36. 7                |         |           | 2125           |
| 439* | 546   | 8.8 | 45 15.77                                           | 3.061  | 0.006     | 1 6 12. 7            | 17. 98  | 0. 21     | 1846           |
| 440  |       |     | 15.67                                              |        |           | 14. 2                |         |           | 2324           |
| 441  |       | 8.8 | 46 19.31                                           | 3.059  | 0.006     | 1 15 6. 0            | 17. 94  | 0. 21     | 1949           |
| 442  |       |     | 19.01                                              |        |           | 9. 3                 |         |           | 5345           |
| 443* |       | 9.0 | 46 56.29                                           | 3.070  | 0.007     | 0 13 46. 1           | 17. 91  | 0. 21     | 2413           |
| 444  |       |     | 56.42                                              |        |           | 46. 1                |         |           | 2325           |
| 445* |       | 9.0 | 47 39.01                                           | 3.068  | 0.007     | 0 26 17. 2           | 17. 88  | 0. 22     | 5238           |
| 446  |       |     | 38.88                                              |        |           | 18. 4                |         |           | 5346           |
| 447  |       | 8.0 | 48 6.14                                            | 3.053  | 0.006     | 1 48 56. 6           | 17. 86  | 0. 22     | 1847           |
| 448* |       |     | 5.54                                               |        |           | 55. 6                |         |           | 2126           |
| 449  |       |     | 6.30                                               |        |           | 57. 4                |         |           | 5385           |
| 450  |       | 8.8 | 1 48 36.04                                         | 3.068  | +0.007    | —0 24 30. 9          | +17. 84 | —0. 22    | 1950           |

429. Decl. unsicher. — 431. Sehr schwach. — 432. Aeusserst schwach. — 439. Sehr schwach. —  
 443. Geschätzt 8<sup>m</sup>5; ein \* 9<sup>m</sup>1 geht süd voran, d = 25". — 445. Etwas schwach. — 448. Nur an  
 3 Fäden, die schlecht stimmen.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|----------|-----------|----------------|
| 451  | 564   | 9.0 | 1 <sup>h</sup> 48 <sup>m</sup> 35 <sup>s</sup> 99 | 3.072  | +0.007    | —0° 24' 31'' 8       | +17'' 84 | —0'' 22   | 5386           |
| 452  |       |     | 48 38.14                                          |        |           | +0 3 21. 9           |          |           | 5183           |
| 453  |       |     | 38.01                                             |        |           | 19. 8                |          |           | 5347           |
| 454  |       |     | 48 53.94                                          |        |           | —0 0 20. 4           |          |           | 2414           |
| 455  |       |     | 54.10                                             |        |           | 21. 5                |          |           | 2326           |
| 456* | 584   | 9.2 | 49 50.17                                          | 3.063  | 0.007     | 0 50 11. 9           | 17. 80   | 0. 22     | 5348           |
| 457  |       | 8.7 | 50 32.87                                          | 3.063  | 0.007     | 0 51 9. 5            | 17. 77   | 0. 22     | 1951           |
| 458  |       | 9.0 | 33.16                                             | 3.054  | 0.006     | 11. 0                | 17. 74   | 0. 22     | 5387           |
| 459* |       |     | 51 15.64                                          |        |           | 1 41 31. 9           |          |           | 1848           |
| 460  |       |     | 15.40                                             |        |           | 31. 1                |          |           | 6016           |
| 461  |       | 8.3 | 52 45.70                                          | 3.071  | 0.007     | 0 6 5. 0             | 17. 68   | 0. 22     | 1952           |
| 462  |       | 8.8 | 45.56                                             | 3.055  | 0.006     | 5. 4                 | 17. 68   | 0. 22     | 2127           |
| 463  |       |     | 52 46.69                                          |        |           | 1 36 59. 3           |          |           | 2415           |
| 464  |       | 8.5 | 46.77                                             | 3.063  | 0.007     | 57. 0                | 17. 66   | 0. 22     | 2327           |
| 465  |       |     | 53 4.33                                           |        |           | 0 51 26. 5           |          |           | 5184           |
| 466  | 592   | 8.8 | 4.28                                              | 3.058  | 0.006     | 24. 6                | 17. 65   | 0. 22     | 2231           |
| 467  |       |     | 53 26.48                                          |        |           | 1 19 51. 7           |          |           | 5239           |
| 468  |       |     | 26.53                                             |        |           | 54. 9                |          |           | 5349           |
| 469* |       | 8.8 | 53 26.71                                          | 3.060  | 0.007     | 1 4 49. 0            | 17. 65   | 0. 22     | 5185           |
| 470  |       | 9.0 | 26.93                                             | 3.052  | 0.006     | 47. 1                | 17. 64   | 0. 22     | 6017           |
| 471  |       |     | 53 37.34                                          |        |           | 1 48 38. 6           |          |           | 2416           |
| 472  |       |     | 37.27                                             |        |           | 40. 2                |          |           | 5350           |
| 473  |       | 8.5 | 53 49.71                                          | 3.053  | 0.006     | 1 46 56. 1           | 17. 63   | 0. 22     | 1849           |
| 474  |       | 9.0 | 49.62                                             | 3.061  | 0.007     | 56. 3                | 17. 63   | 0. 22     | 2128           |
| 475  |       |     | 53 57.68                                          |        |           | 0 59 59. 4           |          |           | 1953           |
| 476  | 592   | 8.5 | 57.45                                             | 3.070  | 0.007     | 59. 8                | 17. 61   | 0. 22     | 5388           |
| 477  |       |     | 54 19.85                                          |        |           | 0 14 28. 5           |          |           | 5240           |
| 478  |       |     | 19.81                                             |        |           | 29. 5                |          |           | 2328           |
| 479  |       | 8.5 | 54 58.74                                          | 3.056  | 0.006     | 1 29 27. 6           | 17. 58   | 0. 22     | 5186           |
| 480  |       | 8.3 | 59.05                                             | 3.070  | 0.008     | 26. 8                | 17. 58   | 0. 23     | 5389           |
| 481  |       |     | 55 3.23                                           |        |           | 0 7 36. 3            |          |           | 5275           |
| 482  |       |     | 3.43                                              |        |           | 36. 5                |          |           | 2074           |
| 483  |       | 9.0 | 56 1.59                                           | 3.053  | 0.007     | 1 43 22. 2           | 17. 54   | 0. 23     | 2417           |
| 484  |       | 8.8 | 1.55                                              | 3.059  | 0.007     | 24. 2                | 17. 53   | 0. 23     | 2129           |
| 485  |       |     | 56 11.63                                          |        |           | 1 7 43. 4            |          |           | 1850           |
| 486  | 592   | 9.0 | 11.61                                             | 3.055  | 0.007     | 45. 2                | 17. 52   | 0. 23     | 2329           |
| 487* |       |     | 56 21.82                                          |        |           | 1 33 38. 1           |          |           | 1954           |
| 488* |       |     | 21.53                                             |        |           | 39. 7                |          |           | 6018           |
| 489  |       | 9.0 | 56 44.83                                          | 3.062  | 0.008     | 0 55 1. 7            | 17. 51   | 0. 23     | 5187           |
| 490  |       | 6.0 | 44.55                                             | 3.067  | 0.008     | 3. 6                 | 17. 50   |           | 5351           |
| 491  |       |     | 56 47.17                                          |        |           | 0 28 30. 4           |          |           | 5241           |
| 492  |       |     | 47.15                                             |        |           | 31. 0                |          |           | 2106           |
| 493  |       | 8.8 | 1 56 57.37                                        | 3.053  | +0.007    | —1 41 1. 9           | +17. 50  | —0. 23    | 5276           |
| 494* |       |     | 57.20                                             |        |           | 2. 8                 |          |           | 5851           |
| 495* |       |     | 57.40                                             |        |           | 3. 8                 |          |           | 5755           |

456. Bonner Durchm. — 0°, N. 297. — 459. Sehr schwach. — 469. Etwas schwach. — 487. Sehr schwach. — 488. Aeusserst schwach. — 494. Sehr schwach. — 495. Nur an einem Microscop.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                            | Praec.              | Var. sec.            | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|---------------------------------------------------|---------------------|----------------------|----------------------|---------|-----------|----------------|
| 496  |       | 9.0 | 1 <sup>h</sup> 57 <sup>m</sup> 8 <sup>s</sup> .27 | 3 <sup>s</sup> .069 | +0 <sup>s</sup> .008 | —0° 16' 35" 2        | +17" 49 | —0" 23    | 5242           |
| 497  |       |     | 7.99                                              |                     |                      | 36. 1                |         |           | 5352           |
| 498* |       | 9.3 | 57 15.68                                          | 3.053               | 0.007                | 1 39 42. 3           | 17. 49  | 0. 23     | 2130           |
| 499  |       | 8.5 | 57 18.57                                          | 3.065               | 0.008                | 0 37 37. 2           | 17. 48  | 0. 23     | 5277           |
| 500* |       |     | 18.67                                             |                     |                      | 34. 6                |         |           | 2524           |
| 501  |       | 7.3 | 57 24.24                                          | 3.062               | 0.008                | 0 56 28. 1           | 17. 48  | 0. 23     | 2418           |
| 502  |       |     | 24.27                                             |                     |                      | 26. 8                |         |           | 2075           |
| 503* |       | 9.0 | 57 35.96                                          | 3.067               | 0.008                | 0 28 7. 4            | 17. 47  | 0. 23     | 1955           |
| 504  |       |     | 35.94                                             |                     |                      | 6. 3                 |         |           | 2330           |
| 505  |       | 8.5 | 58 46.58                                          | 3.065               | 0.008                | 0 35 58. 8           | 17. 42  | 0. 23     | 5188           |
| 506  |       |     | 46.55                                             |                     |                      | 60. 9                |         |           | 2131           |
| 507  |       | 8.3 | 58 51.15                                          | 3.054               | 0.007                | 1 34 6. 7            | 17. 42  | 0. 23     | 1851           |
| 508* |       |     | —                                                 |                     |                      | 8. 4                 |         |           | 2525           |
| 509  |       |     | 51.18                                             |                     |                      | 5. 9                 |         |           | 2571           |
| 510  | 612   | 8.0 | 58 54.79                                          | 3.069               | 0.008                | 0 16 32. 7           | 17. 41  | 0. 23     | 5243           |
| 511* |       |     | 54.95                                             |                     |                      | 35. 4                |         |           | 2331           |
| 512  |       | 8.8 | 1 59 14.42                                        | 3.054               | 0.007                | 1 32 31. 5           | 17. 40  | 0. 23     | 2419           |
| 513  |       |     | 14.41                                             |                     |                      | 33. 6                |         |           | 2076           |
| 514  |       | 7.3 | 2 0 5.07                                          | 3.065               | 0.008                | 0 33 46. 3           | 17. 36  | 0. 23     | 1956           |
| 515  |       |     | 4.85                                              |                     |                      | 46. 3                |         |           | 2039           |
| 516  |       | 8.8 | 0 41.49                                           | 3.069               | 0.008                | 0 14 39. 0           | 17. 34  | 0. 23     | 1852           |
| 517  |       |     | 41.65                                             |                     |                      | 39. 9                |         |           | 2132           |
| 518  |       | 9.0 | 0 51.30                                           | 3.063               | 0.008                | 0 48 4. 8            | 17. 33  | 0. 23     | 2420           |
| 519  |       |     | 51.48                                             |                     |                      | 3. 7                 |         |           | 2332           |
| 520  |       | 7.5 | 1 13.78                                           | 3.058               | 0.007                | 1 12 1. 3            | 17. 31  | 0. 23     | 5189           |
| 521* |       |     | 13.60                                             |                     |                      | 4. 8                 |         |           | 2232           |
| 522  |       | 8.3 | 2 3.86                                            | 3.060               | 0.008                | 1 0 53. 9            | 17. 27  | 0. 23     | 1957           |
| 523  |       |     | 3.95                                              |                     |                      | 52. 0                |         |           | 5852           |
| 524* |       |     | 4.20                                              |                     |                      | —                    |         |           | 2572           |
| 525  |       |     | 3.95                                              |                     |                      | 55. 2                |         |           | 5403           |
| 526  |       |     | 4.15                                              |                     |                      | 52. 5                |         |           | 5505           |
| 527  |       |     | 4.30                                              |                     |                      | 53. 4                |         |           | 5756           |
| 528* |       | 7.8 | 2 19.89                                           | 3.060               | 0.008                | 1 1 49. 1            | 17. 27  | 0. 23     | 5190           |
| 529* |       |     | 19.76                                             |                     |                      | 52. 7                |         |           | 2133           |
| 530* |       |     | 19.72                                             |                     |                      | 50. 8                |         |           | 2526           |
| 531  |       | 9.0 | 3 25.98                                           | 3.053               | 0.007                | 1 33 37. 9           | 17. 22  | 0. 24     | 2421           |
| 532  |       |     | 26.02                                             |                     |                      | 36. 5                |         |           | 2333           |
| 533  |       | 8.3 | 3 48.25                                           | 3.071               | 0.008                | 0 5 52. 8            | 17. 20  | 0. 24     | 1853           |
| 534  |       |     | 48.08                                             |                     |                      | 52. 1                |         |           | 5853           |
| 535* |       |     | 48.24                                             |                     |                      | —                    |         |           | 2573           |
| 536  |       |     | 48.18                                             |                     |                      | 54. 3                |         |           | 5404           |
| 537  |       |     | 48.18                                             |                     |                      | 50. 5                |         |           | 5506           |
| 538  |       |     | 48.37                                             |                     |                      | 51. 4                |         |           | 5757           |
| 539  |       | 8.8 | 2 4 1.11                                          | 3.064               | +0.008               | —0 40 53. 4          | +17. 18 | —0. 24    | 1958           |
| 540  |       |     | 1.00                                              |                     |                      | 56. 2                |         |           | 2134           |

498. Bonner Durchm. — 1° N. 284. — 500. Sehr schwach, Wolken. — 503. Sehr schwach. — 508. Keine A. R., Decl. gut. — 511. Nur an 3 Fäden. — 521. Nur an 3 Fäden, trüb. — 524. Als Fundamental \* in Decl. gebraucht. — 528. Dupl. d = 4", helleren beob. — 529. Dupl. d = 3", Pos. = 230°, folgenden u. helleren beob. — 530. Dupl. d = 3", helleren beob. 9<sup>m</sup> und 8<sup>m</sup>. — 535. Als Fundamental \* in Decl. gebraucht.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                           | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|--------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 541  |       | 8.5 | 2 <sup>h</sup> 5 <sup>m</sup> 20 <sup>s</sup> 04 | 3 <sup>s</sup> 068 | +0 <sup>s</sup> 008 | —0° 21' 56" 3        | +17" 13 | —0" 24    | 1854           |
| 542  |       |     | 19.91                                            |                    |                     | 56. 3                |         |           | 2040           |
| 543  |       | 9.0 | 5 46.60                                          | 3.061              | 0.008               | 0 57 27. 8           | 17. 11  | 0. 24     | 1959           |
| 544  |       |     | 46.67                                            |                    |                     | 30. 5                |         |           | 2135           |
| 545  |       | 8.7 | 7 8.95                                           | 3.065              | 0.008               | 0 36 13. 7           | 17. 05  | 0. 24     | 1855           |
| 546  |       |     | 8.84                                             |                    |                     | 12. 7                |         |           | 2334           |
| 547  |       | 8.3 | 8 9.76                                           | 3.050              | 0.007               | 1 46 59. 7           | 17. 00  | 0. 25     | 1960           |
| 548  |       |     | 9.77                                             |                    |                     | 62. 1                |         |           | 2136           |
| 549  |       | 9.0 | 8 49.16                                          | 3.060              | 0.008               | 1 0 1. 1             | 16. 97  | 0. 25     | 2422           |
| 550  |       |     | 49.31                                            |                    |                     | 0. 6                 |         |           | 2335           |
| 551  |       | 9.0 | 9 14.03                                          | 3.070              | 0.008               | 0 8 17. 4            | 16. 95  | 0. 25     | 1856           |
| 552  |       |     | 14.09                                            |                    |                     | 18. 4                |         |           | 2532           |
| 553  |       | 8.5 | 9 45.77                                          | 3.049              | 0.007               | 1 52 15. 2           | 16. 93  | 0. 25     | 5191           |
| 554  |       |     | 45.67                                            |                    |                     | 16. 7                |         |           | 5390           |
| 555  |       | 9.0 | 9 53.13                                          | 3.064              | 0.008               | 0 42 5. 8            | 16. 92  | 0. 25     | 5278           |
| 556  |       |     | 53.24                                            |                    |                     | 6. 8                 |         |           | 2574           |
| 557  |       | 9.0 | 10 57.10                                         | 3.053              | 0.007               | 1 32 17. 5           | 16. 87  | 0. 25     | 1961           |
| 558  |       |     | 56.94                                            |                    |                     | 19. 3                |         |           | 2336           |
| 559  |       | 8.2 | 11 21.18                                         | 3.063              | 0.008               | 0 44 22. 9           | 16. 85  | 0. 25     | 5192           |
| 560  |       |     | 21.25                                            |                    |                     | 22. 5                |         |           | 5405           |
| 561* |       | 9.0 | 11 26.02                                         | 3.063              | 0.008               | 0 43 14. 1           | 16. 85  | 0. 25     | 5391           |
| 562  |       | 8.8 | 11 30.55                                         | 3.052              | 0.007               | 1 34 42. 2           | 16. 84  |           | 5279           |
| 563  |       |     | 30.39                                            |                    |                     | 44. 2                |         |           | 5758           |
| 564  |       | 9.0 | 11 46.79                                         | 3.066              | 0.008               | 0 29 7. 5            | 16. 83  | 0. 25     | 5193           |
| 565  |       |     | 46.68                                            |                    |                     | 8. 7                 |         |           | 2337           |
| 566  |       | 8.3 | 12 17.42                                         | 3.069              | 0.008               | 0 14 45. 6           | 16. 80  | 0. 25     | 1857           |
| 567  |       |     | 17.28                                            |                    |                     | 44. 7                |         |           | 2077           |
| 568  |       | 8.5 | 12 35.50                                         | 3.066              | 0.008               | 0 30 41. 8           | 16. 79  | 0. 25     | 1962           |
| 569  |       |     | 35.45                                            |                    |                     | 46. 5                |         |           | 2137           |
| 570  | 667   | 8.0 | 12 53.10                                         | 3.055              | 0.007               | 1 21 22. 0           | 16. 78  | 0. 25     | 2423           |
| 571  |       |     | 53.11                                            |                    |                     | 21. 2                |         |           | 2575           |
| 572  |       | 9.0 | 13 38.60                                         | 3.063              | 0.008               | 0 44 57. 2           | 16. 74  | 0. 25     | 5194           |
| 573  |       |     | 38.49                                            |                    |                     | 56. 2                |         |           | 2338           |
| 574  |       | 8.2 | 13 41.88                                         | 3.059              | 0.008               | 1 2 12. 7            | 16. 74  | 0. 25     | 5244           |
| 575  |       |     | 41.91                                            |                    |                     | 15. 6                |         |           | 2041           |
| 576  |       | 8.5 | 13 44.56                                         | 3.061              | 0.008               | 0 51 36. 8           | 16. 74  | 0. 25     | 5759           |
| 577  |       |     | 44.49                                            |                    |                     | 35. 3                |         |           | 5392           |
| 578  |       | 8.8 | 13 53.76                                         | 3.048              | 0.007               | 1 51 16. 5           | 16. 73  | 0. 25     | 5280           |
| 579  |       |     | 53.53                                            |                    |                     | 20. 3                |         |           | 5353           |
| 580  |       | 8.8 | 15 4.73                                          | 3.057              | 0.007               | 1 13 5. 3            | 16. 67  | 0. 26     | 1963           |
| 581  |       |     | 4.61                                             |                    |                     | 7. 4                 |         |           | 2078           |
| 582  |       | 7.8 | 15 17.28                                         | 3.063              | 0.008               | 0 43 16. 4           | 16. 66  | 0. 26     | 1858           |
| 583  |       |     | 17.22                                            |                    |                     | 17. 3                |         |           | 2042           |
| 584  |       | 8.0 | 2 15 20.29                                       | 3.060              | +0.008              | —0 55 24. 9          | +16. 66 | —0. 26    | 2424           |
| 585  |       |     | 20.29                                            |                    |                     | 27. 7                |         |           | 2138           |

561. Lamont N. 337; nicht in der Bonner Durchm.



| Nro. | Schj. | Gr.  | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|------|---------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 586  |       | 5.5  | 2 <sup>h</sup> 15 <sup>m</sup> 32 <sup>s</sup> 43 | 3 <sup>s</sup> 070 | +0 <sup>s</sup> 008 | —0° 10' 35" 1        | +16" 65 | —0" 26    | 5245           |
| 587  |       |      | 32.32                                             |                    |                     | 36. 3                |         |           | 2233           |
| 588  |       | 8.8  | 15 46.61                                          | 3.061              | 0.008               | 0 49 43. 9           | 16. 64  | 0. 26     | 5195           |
| 589  |       |      | 46.79                                             |                    |                     | 45. 6                |         |           | 2339           |
| 590  | 676   | 5.8  | 15 50.41                                          | 3.054              | 0.007               | 1 27 17. 1           | 16. 63  | 0. 26     | 5281           |
| 591  |       |      | 50.26                                             |                    |                     | 19. 7                |         |           | 2527           |
| 592  |       | 8.5  | 15 58.63                                          | 3.067              | 0.008               | 0 22 42. 4           | 16. 63  | 0. 26     | 6020           |
| 593  |       |      | 58.74                                             |                    |                     | 45. 4                |         |           | 2139           |
| 594  |       | 9.0  | 15 59.13                                          | 3.059              | 0.008               | 1 0 33. 6            | 16. 63  | 0. 26     | 6019           |
| 595  |       |      | 58.95                                             |                    |                     | 32. 4                |         |           | 5354           |
| 596  |       | 9.0  | 16 9.57                                           | 3.051              | 0.007               | 1 35 37. 3           | 16. 62  | 0. 26     | 5196           |
| 597  |       |      | 9.81                                              |                    |                     | 35. 8                |         |           | 5393           |
| 598  |       | 8.3  | 16 10.15                                          | 3.058              | 0.008               | 1 4 33. 6            | 16. 62  | 0. 26     | 5282           |
| 599  |       |      | 10.60                                             |                    |                     | 33. 3                |         |           | 2533           |
| 600  |       | 9.0  | 16 20.79                                          | 3.070              | 0.008               | 0 8 42. 8            | 16. 61  | 0. 26     | 2425           |
| 601  |       |      | 20.78                                             |                    |                     | 44. 6                |         |           | 5355           |
| 602  |       | 8.7  | 17 6.30                                           | 3.058              | 0.008               | 1 7 0. 5             | 16. 57  | 0. 26     | 1964           |
| 603  |       |      | 6.34                                              |                    |                     | 2. 1                 |         |           | 2079           |
| 604* |       | 9.0  | 17 15.52                                          | 3.056              | 0.008               | —1 12 35. 2          | 16. 56  | 0. 26     | 5854           |
| 605* |       |      | 15.54                                             |                    |                     | 34. 4                |         |           | 5356           |
| 606  | 686   | 8.5  | 18 43.22                                          | 3.073              | 0.008               | +0 4 15. 2           | 16. 49  | 0. 26     | 1859           |
| 607  |       |      | 43.07                                             |                    |                     | 14. 2                |         |           | 2043           |
| 608* |       | var. | 19 38.55                                          | 3.062              | 0.008               | —0 44 37. 5          | 16. 44  | 0. 26     | 6306           |
| 609* |       |      | 39.05                                             |                    |                     | 37. 4                |         |           | 2534           |
| 610  |       | 8.8  | 20 4.85                                           | 3.072              | 0.008               | +0 2 23. 4           | 16. 42  | 0. 26     | 1965           |
| 611  |       |      | 4.77                                              |                    |                     | 21. 3                |         |           | 2080           |
| 612  |       | 9.0  | 20 56.36                                          | 3.052              | 0.007               | —1 32 2. 5           | 16. 38  | 0. 26     | 5197           |
| 613  |       |      | 56.41                                             |                    |                     | 4. 7                 |         |           | 5357           |
| 614  |       | 8.5  | 21 0.43                                           | 3.051              | 0.007               | 1 35 12. 9           | 16. 38  | 0. 26     | 5246           |
| 615  |       |      | 0.35                                              |                    |                     | 14. 3                |         |           | 2140           |
| 616  |       | 8.0  | 21 6.95                                           | 3.054              | 0.007               | 1 18 52. 9           | 16. 37  | 0. 26     | 5283           |
| 617  |       |      | 6.84                                              |                    |                     | 52. 1                |         |           | 2044           |
| 618  |       | 8.9  | 21 14.86                                          | 3.059              | 0.008               | 0 58 23. 7           | 16. 36  | 0. 26     | 6021           |
| 619  |       |      | 14.90                                             |                    |                     | 25. 5                |         |           | 5394           |
| 620  |       | 8.7  | 21 28.65                                          | 3.054              | 0.007               | 1 21 11. 8           | 16. 35  | 0. 26     | 5198           |
| 621  |       |      | 28.48                                             |                    |                     | 12. 4                |         |           | 5358           |
| 622  | 696   | 8.8  | 21 36.05                                          | 3.068              | 0.008               | 0 20 23. 8           | 16. 35  | 0. 26     | 5247           |
| 623  |       |      | 35.95                                             |                    |                     | 25. 3                |         |           | 5395           |
| 624  |       | 8.3  | 22 2.02                                           | 3.061              | 0.008               | 0 47 48. 6           | 16. 33  | 0. 26     | 5284           |
| 625* |       |      | 1.81                                              |                    |                     | 46. 0                |         |           | 2081           |
| 626  |       | 9.0  | 23 38.99                                          | 3.060              | 0.008               | 0 56 10. 0           | 16. 24  | 0. 27     | 2426           |
| 627  |       |      | 39.16                                             |                    |                     | 9. 0                 |         |           | 2141           |
| 628* |       | 9.0  | 23 43.88                                          | 3.066              | 0.008               | 0 27 18. 3           | 16. 24  | 0. 27     | 5760           |
| 629  |       |      | 43.74                                             |                    |                     | 16. 5                |         |           | 2082           |
| 630  |       | 8.3  | 2 23 52.63                                        | 3.063              | +0.008              | —0 38 49. 2          | +16. 23 | —0. 27    | 5199           |

604. Nur an 3 Fäden, in beiden Coordin. unsicher. — 605. Nur an 3 Fäden. — 608. R. Ceti, geschätzt 9<sup>m</sup>0, vielleicht heller. — 609. Etwa 7<sup>m</sup>5. — 625. Auch wurde beob. B D. — 1° N. 368, 2<sup>h</sup> 23<sup>m</sup> 1<sup>s</sup> 22, — 0° 15' 48" 8; Praec. 3<sup>s</sup> 069 und +16" 27 Beob. Nr. 5248. — 628. Fäden stimmen schlecht.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 631  |       |     | 2 <sup>h</sup> 23 <sup>m</sup> 52 <sup>s</sup> .68 |        |           | —0° 38' 50" 7        |         |           | 2045           |
| 632  |       | 8.8 | 23 54.19                                           | 3.069  | +0.008    | 0 14 47. 4           | +16" 23 | —0" 27    | 5285           |
| 633* |       |     | 54.05                                              |        |           | 45. 1                |         |           | 2576           |
| 634  |       | 8.8 | 24 7.11                                            | 3.053  | 0.007     | 1 21 41. 7           | 16. 22  | 0. 27     | 5761           |
| 635  |       |     | 7.21                                               |        |           | 41. 3                |         |           | 5359           |
| 636  | 703   | 6.5 | 24 21.47                                           | 3.068  | 0.008     | 0 17 55. 8           | 16. 21  | 0. 27     | 1860           |
| 637  |       |     | 21.48                                              |        |           | 56. 3                |         |           | 2528           |
| 638* |       | 9.0 | 24 36.69                                           | 3.059  | 0.008     | 0 57 38. 0           | 16. 19  | 0. 27     | 5200           |
| 639  |       |     | 36.80                                              |        |           | 38. 5                |         |           | 5396           |
| 640  |       | 9.0 | 25 44.41                                           | 3.052  | 0.007     | 1 26 20. 6           | 16. 13  | 0. 27     | 5286           |
| 641  |       |     | 44.34                                              |        |           | 21. 7                |         |           | 5360           |
| 642  | 709   | 8.5 | 25 46.89                                           | 3.048  | 0.007     | 1 44 52. 4           | 16. 13  | 0. 27     | 5201           |
| 643  |       |     | 46.81                                              |        |           | 53. 8                |         |           | 2046           |
| 644  |       | 5.6 | 25 47.76                                           | 3.050  | 0.007     | 1 35 17. 9           | 16. 13  | 0. 27     | 5762           |
| 645  |       |     | 47.89                                              |        |           | 16. 7                |         |           | 2529           |
| 646  |       | 8.8 | 25 59.19                                           | 3.060  | 0.008     | 0 51 45. 9           | 16. 12  | 0. 27     | 5855           |
| 647  |       |     | 59.22                                              |        |           | 43. 9                |         |           | 2083           |
| 648  |       | 8.7 | 26 6.82                                            | 3.054  | 0.008     | 1 17 41. 7           | 16. 11  | 0. 27     | 5249           |
| 649  |       |     | 6.86                                               |        |           | 41. 8                |         |           | 2535           |
| 650  |       | 9.0 | 26 50.76                                           | 3.049  | 0.007     | 1 39 35. 0           | 16. 08  | 0. 27     | 5202           |
| 651  |       |     | 51.01                                              |        |           | 38. 0                |         |           | 2142           |
| 652  | 711   | 8.5 | 26 51.75                                           | 3.066  | 0.008     | 0 25 9. 6            | 16. 08  | 0. 27     | 1861           |
| 653  |       |     | 51.77                                              |        |           | 11. 4                |         |           | 2427           |
| 654  |       |     | 51.85                                              |        |           | 11. 0                |         |           | 2577           |
| 655* |       | 9.1 | 27 9.20                                            | 3.049  | 0.007     | 1 40 29. 4           | 16. 06  | 0. 27     | 1966           |
| 656  |       | 9.0 | 27 36.37                                           | 3.064  | 0.008     | 0 35 23. 5           | 16. 04  | 0. 28     | 5250           |
| 657  |       |     | 36.23                                              |        |           | 22. 9                |         |           | 2536           |
| 658  |       | 8.8 | 27 46.60                                           | 3.047  | 0.007     | 1 47 2. 9            | 16. 03  | 0. 28     | 5287           |
| 659  |       |     | 46.22                                              |        |           | 4. 3                 |         |           | 5361           |
| 660  |       | 8.5 | 27 57.71                                           | 3.070  | 0.008     | 0 11 19. 8           | 16. 02  | 0. 28     | 5763           |
| 661  |       |     | 57.58                                              |        |           | 18. 8                |         |           | 2159           |
| 662  |       | 8.5 | 28 30.88                                           | 3.059  | 0.008     | 0 55 9. 9            | 15. 99  | 0. 28     | 5288           |
| 663  |       |     | 30.62                                              |        |           | 10. 7                |         |           | 2047           |
| 664  |       | 8.8 | 28 34.78                                           | 3.048  | 0.007     | 1 44 17. 7           | 15. 98  | 0. 28     | 5203           |
| 665  |       |     | 34.63                                              |        |           | 17. 6                |         |           | 2084           |
| 666  |       | 9.0 | 28 45.31                                           | 3.060  | 0.008     | 0 51 26. 2           | 15. 98  | 0. 28     | 2428           |
| 667  |       |     | 45.40                                              |        |           | 25. 2                |         |           | 2143           |
| 668  |       | 8.4 | 29 25.53                                           | 3.059  | 0.008     | 0 53 49. 3           | 15. 94  | 0. 28     | 1862           |
| 669  |       |     | 25.30                                              |        |           | 50. 1                |         |           | 2144           |
| 670* | 728   | 8.8 | 29 33.49                                           | 3.067  | 0.008     | 0 22 43. 0           | 15. 94  | 0. 28     | 1967           |
| 671  |       |     | 33.73                                              |        |           | 44. 3                |         |           | 2578           |
| 672  |       | 7.7 | 30 3.90                                            | 3.056  | 0.008     | 1 11 4. 4            | 15. 91  | 0. 28     | 5204           |
| 673  |       |     | 3.81                                               |        |           | 5. 9                 |         |           | 2530           |
| 674  |       | 9.0 | 2 30 17.26                                         | 3.053  | +0.007    | —1 20 8. 2           | +15. 89 | —0. 28    | 2429           |
| 675  |       |     | 17.25                                              |        |           | 7. 1                 |         |           | 5362           |

633. Sehr schwach, Decl. etwas unsicher. — 638. Etwas schwach. — 655. Bonner Durchm. — 1°, N. 358. —  
670. Schj's Decl. bedarf einer Correction von + 1'.



| Nro. | Schj. | Gr.  | Rectascension<br>1875.                             | Praec.              | Var. sec.            | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|------|----------------------------------------------------|---------------------|----------------------|----------------------|---------|-----------|----------------|
| 676  |       | 8.8  | 2 <sup>h</sup> 30 <sup>m</sup> 37 <sup>s</sup> .13 | 3 <sup>s</sup> .048 | +0 <sup>s</sup> .007 | —1° 42' 16" 7        | +15" 88 | —0" 28    | 5251           |
| 677* |       |      | 37.32                                              |                     |                      | 19. 7                |         |           | 2048           |
| 678  |       | 9.0  | 30 46.66                                           | 3.050               | 0.007                | 1 33 46. 1           | 15. 87  | 0. 28     | 5205           |
| 679  |       |      | 46.56                                              |                     |                      | 49. 2                |         |           | 5363           |
| 680  |       | 8.9  | 30 52.17                                           | 3.062               | 0.008                | 0 44 30. 9           | 15. 86  | 0. 28     | 5252           |
| 681  |       |      | 52.66                                              |                     |                      | 30. 9                |         |           | 2085           |
| 682  |       | 8.8  | 32 19.64                                           | 3.047               | 0.007                | 1 47 5. 9            | 15. 79  | 0. 28     | 1968           |
| 683  |       |      | 19.59                                              |                     |                      | 9. 5                 |         |           | 2145           |
| 684  | 745   | 3.7  | 33 4.51                                            | 3.069               | 0.008                | 0 12 43. 1           | 15. 75  | 0. 28     | 1863           |
| 685  |       |      | 4.52                                               |                     |                      | 42. 6                |         |           | 2049           |
| 686  |       | 8.2  | 33 27.24                                           | 3.066               | 0.008                | 0 23 13. 9           | 15. 73  | 0. 28     | 2430           |
| 687  |       |      | 27.33                                              |                     |                      | 14. 3                |         |           | 2086           |
| 688  |       | 8.6  | 33 48.74                                           | 3.060               | 0.008                | 0 48 18. 8           | 15. 71  | 0. 28     | 5206           |
| 689  |       |      | 48.78                                              |                     |                      | 21. 3                |         |           | 2146           |
| 690  |       | 8.8  | 34 13.99                                           | 3.054               | 0.008                | 1 12 51. 0           | 15. 68  | 0. 28     | 5253           |
| 691* |       |      | 14.52                                              |                     |                      | 52. 8                |         |           | 2537           |
| 692* |       | 6.2  | 34 49.56                                           | 3.054               | 0.008                | 1 13 40. 4           | 15. 65  | 0. 28     | 1969           |
| 693  |       |      | 49.59                                              |                     |                      | 42. 7                |         |           | 2160           |
| 694  |       | 9.0  | 34 57.46                                           | 3.063               | 0.008                | 0 37 48. 1           | 15. 64  | 0. 28     | 2431           |
| 695  |       |      | 57.53                                              |                     |                      | 48. 9                |         |           | 2147           |
| 696  |       | 9.0  | 35 3.09                                            | 3.048               | 0.007                | —1 40 16. 1          | 15. 64  | 0. 29     | 5207           |
| 697  |       |      | 2.96                                               |                     |                      | 19. 2                |         |           | 5364           |
| 698* |       | 7.3  | 35 5.24                                            | 3.072               | 0.008                | +0 0 36. 7           | 15. 64  | 0. 29     | 5254           |
| 699  |       |      | 5.53                                               |                     |                      | 35. 5                |         |           | 5764           |
| 700  |       |      | 5.60                                               |                     |                      | 35. 7                |         |           | 2531           |
| 701  |       | 8.1  | 35 34.16                                           | 3.072               | 0.008                | +0 0 50. 8           | 15. 61  | 0. 29     | 5856           |
| 702  |       |      | 34.05                                              |                     |                      | 50. 4                |         |           | 2050           |
| 703  |       |      | 34.10                                              |                     |                      | 52. 3                |         |           | 2087           |
| 704  |       | 9.0  | 35 43.17                                           | 3.055               | 0.008                | —1 8 32. 5           | 15. 60  | 0. 29     | 5289           |
| 705  |       |      | 43.22                                              |                     |                      | 33. 0                |         |           | 2538           |
| 706* |       | 8.8  | 36 5.72                                            | 3.045               | 0.007                | 1 51 22. 2           | 15. 58  | 0. 29     | 5208           |
| 707  |       |      | 6.01                                               |                     |                      | 25. 3                |         |           | 2579           |
| 708* |       | neb. | 36 16.85                                           | 3.064               | 0.008                | 0 32 53. 1           | 15. 57  | 0. 29     | 5507           |
| 709  | 758   | 8.5  | 36 53.23                                           | 3.066               | 0.008                | 0 26 44. 2           | 15. 54  | 0. 29     | 1970           |
| 710  |       |      | 53.18                                              |                     |                      | 47. 6                |         |           | 5406           |
| 711  | 759   | 9.0  | 36 55.70                                           | 3.047               | 0.007                | 1 40 3. 4            | 15. 53  | 0. 29     | 5255           |
| 712  |       |      | 55.69                                              |                     |                      | 5. 3                 |         |           | 5365           |
| 713  |       | 8.8  | 36 58.18                                           | 3.052               | 0.007                | 1 23 28. 5           | 15. 53  | 0. 29     | 5209           |
| 714  |       |      | 58.37                                              |                     |                      | 31. 9                |         |           | 5397           |
| 715  |       | 8.4  | 37 14.29                                           | 3.059               | 0.008                | 0 52 34. 4           | 15. 52  | 0. 29     | 5290           |
| 716  |       |      | 14.20                                              |                     |                      | 33. 4                |         |           | 2580           |
| 717  |       | 8.6  | 37 21.29                                           | 3.067               | 0.008                | 0 19 17. 6           | 15. 51  | 0. 29     | 5765           |
| 718* |       |      | 21.24                                              |                     |                      | 15. 6                |         |           | 5508           |
| 719  |       | 8.5  | 2 38 6.99                                          | 3.070               | +0.008               | —0 9 19. 2           | +15. 47 | —0. 29    | 5256           |
| 720  |       |      | 7.07                                               |                     |                      | 20. 2                |         |           | 2539           |

577. Sehr schwach. — 691. Sehr schwach. — 692. Duplex, 6<sup>m</sup>2 und 9<sup>m</sup>0, Pos = 330°, d = 3". — 698. Nur an 3 Fäden. — 706. Duplex, d = 5", beide 9<sup>m</sup>2, Mitte beob. — 708. Nebula, sehr schwach; es folgt ein \*. In B. D. als \* 8<sup>m</sup>7 angegeben. — 718. Sehr schwach.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875.       | Praec.   | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------------|----------|-----------|----------------|
| 721  |       | 9.0 | 2 <sup>h</sup> 38 <sup>m</sup> 10 <sup>s</sup> 12 | 3 <sup>s</sup> 048 | +0 <sup>s</sup> 007 | -1 <sup>o</sup> 34' 50'' 0 | +15'' 46 | -0'' 29   | 2432           |
| 722* |       |     | 10.00                                             |                    |                     | 48. 8                      |          |           | 5366           |
| 723  |       | 8.0 | 38 20.90                                          | 3.052              | 0.007               | 1 22 33. 3                 | 15. 46   | 0. 29     | 5291           |
| 724  |       |     | 20.60                                             |                    |                     | 36. 2                      |          |           | 2088           |
| 725  |       | 8.4 | 38 32.72                                          | 3.064              | 0.008               | 0 31 57. 5                 | 15. 44   | 0. 29     | 1971           |
| 726  |       |     | 32.82                                             |                    |                     | 61. 1                      |          |           | 5398           |
| 727  |       | 8.4 | 38 37.43                                          | 3.061              | 0.008               | 0 43 19. 1                 | 15. 44   | 0. 29     | 5766           |
| 728  |       |     | 37.40                                             |                    |                     | 19. 8                      |          |           | 2161           |
| 729  |       | 9.0 | 39 57.35                                          | 3.058              | 0.008               | 0 55 15. 4                 | 15. 36   | 0. 29     | 2433           |
| 730  |       |     | 57.54                                             |                    |                     | 16. 1                      |          |           | 2148           |
| 731  |       | 9.0 | 40 10.33                                          | 3.049              | 0.007               | 1 32 31. 2                 | 15. 35   | 0. 29     | 5210           |
| 732  |       |     | 10.27                                             |                    |                     | 33. 8                      |          |           | 2581           |
| 733* | 768   | 8.5 | 40 11.13                                          | 3.043              | 0.007               | 1 54 35. 8                 | 15. 35   | 0. 29     | 5257           |
| 734  |       |     | 11.29                                             |                    |                     | 37. 2                      |          |           | 2540           |
| 735  | 778   | 8.8 | 41 3.36                                           | 3.061              | 0.008               | 0 43 57. 4                 | 15. 30   | 0. 29     | 1972           |
| 736  |       |     | 3.04                                              |                    |                     | 60. 9                      |          |           | 5367           |
| 737  |       | 9.0 | 41 16.40                                          | 3.069              | 0.008               | 0 13 21. 9                 | 15. 29   | 0. 29     | 5211           |
| 738  |       |     | 16.53                                             |                    |                     | 23. 8                      |          |           | 5399           |
| 739  |       | 8.8 | 42 6.48                                           | 3.045              | 0.007               | 1 48 23. 3                 | 15. 24   | 0. 29     | 2434           |
| 740  |       |     | 6.63                                              |                    |                     | 22. 3                      |          |           | 2149           |
| 741  |       | 9.0 | 42 59.87                                          | 3.064              | 0.008               | 0 32 30. 0                 | 15. 19   | 0. 30     | 1973           |
| 742  |       |     | 59.82                                             |                    |                     | 34. 3                      |          |           | 5368           |
| 743  |       | 9.0 | 43 34.20                                          | 3.061              | 0.008               | 0 46 25. 4                 | 15. 16   | 0. 30     | 2435           |
| 744  |       |     | 34.21                                             |                    |                     | 26. 5                      |          |           | 2150           |
| 745  |       | 9.0 | 45 3.37                                           | 3.063              | 0.008               | 0 34 34. 2                 | 15. 07   | 0. 30     | 1974           |
| 746  |       |     | 3.35                                              |                    |                     | 36. 7                      |          |           | 2162           |
| 747  |       | 8.0 | 45 4.08                                           | 3.054              | 0.008               | 1 12 18. 7                 | 15. 07   | 0. 30     | 5212           |
| 748  |       |     | 3.77                                              |                    |                     | 19. 4                      |          |           | 2051           |
| 749  | 800   | 8.5 | 45 4.59                                           | 3.046              | 0.007               | 1 40 49. 9                 | 15. 07   | 0. 30     | 5258           |
| 750  |       |     | 4.93                                              |                    |                     | 49. 2                      |          |           | 2541           |
| 751  |       | 8.0 | 45 5.54                                           | 3.066              | 0.008               | 0 25 54. 0                 | 15. 07   | 0. 30     | 5292           |
| 752  |       |     | 5.45                                              |                    |                     | 54. 7                      |          |           | 2582           |
| 753  |       | 8.5 | 45 10.13                                          | 3.051              | 0.007               | 1 21 33. 0                 | 15. 07   | 0. 30     | 2436           |
| 754  |       |     | 10.17                                             |                    |                     | 32. 8                      |          |           | 2151           |
| 755  | 802   | 8.0 | 45 49.24                                          | 3.054              | 0.008               | 1 9 52. 8                  | 15. 03   | 0. 30     | 5213           |
| 756  |       |     | 49.24                                             |                    |                     | 54. 4                      |          |           | 5369           |
| 757  |       | 8.8 | 46 47.23                                          | 3.045              | 0.007               | 1 46 17. 4                 | 14. 97   | 0. 30     | 2437           |
| 758  |       |     | 47.49                                             |                    |                     | 14. 9                      |          |           | 2542           |
| 759  |       | 9.0 | 46 55.53                                          | 3.062              | 0.008               | 0 39 44. 0                 | 14. 97   | 0. 30     | 1975           |
| 760  |       |     | 55.47                                             |                    |                     | 47. 2                      |          |           | 5400           |
| 761  |       | 8.8 | 47 1.35                                           | 3.064              | 0.008               | 0 29 48. 7                 | 14. 96   | 0. 30     | 5259           |
| 762  |       |     | 1.23                                              |                    |                     | 49. 3                      |          |           | 2583           |
| 763  |       | 8.8 | 47 8.00                                           | 3.055              | 0.008               | 1 4 50. 7                  | 14. 95   | 0. 30     | 5214           |
| 764  |       |     | 7.87                                              |                    |                     | 51. 2                      |          |           | 5370           |
| 765  | 808   | 8.7 | 2 47 14.23                                        | 3.065              | +0.008              | -0 27 26. 4                | +14. 95  | -0. 30    | 5260           |

722. Duplex? — 733. Geschätzt 8<sup>m</sup>3.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                             | Praec.              | Var. sec.            | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|----------------------------------------------------|---------------------|----------------------|----------------------|---------|-----------|----------------|
| 766  |       |     | 2 <sup>h</sup> 47 <sup>m</sup> 14 <sup>s</sup> .62 |                     |                      | —0° 27' 31'' 0       |         |           | 5401           |
| 767  |       | 6.8 | 48 23.50                                           | 3 <sup>s</sup> .063 | +0 <sup>s</sup> .008 | 0 33 33.3            | +14''88 | —0''31    | 1864           |
| 768  |       |     | 23.53                                              |                     |                      | 34.5                 |         |           | 2052           |
| 769  |       | 7.7 | 48 49.46                                           | 3.071               | 0.008                | 0 4 11.6             | 14.85   | 0.31      | 1976           |
| 770  |       |     | 49.43                                              |                     |                      | 12.7                 |         |           | 2089           |
| 771  |       | 8.5 | 49 4.51                                            | 3.057               | 0.008                | 0 58 35.1            | 14.84   | 0.31      | 2438           |
| 772  |       |     | 4.41                                               |                     |                      | 38.3                 |         |           | 2152           |
| 773  |       |     | 4.53                                               |                     |                      | 36.3                 |         |           | 2163           |
| 774  | 821   | 9.0 | 49 19.84                                           | 3.052               | 0.008                | —1 17 38.5           | 14.82   | 0.31      | 5215           |
| 775  |       |     | 20.16                                              |                     |                      | 35.6                 |         |           | 2543           |
| 776  |       | 8.6 | 49 31.53                                           | 3.072               | 0.008                | +0 0 32.6            | 14.81   | 0.31      | 5261           |
| 777  |       |     | 31.90                                              |                     |                      | 30.0                 |         |           | 2584           |
| 778  | 822   | 8.5 | 49 46.74                                           | 3.062               | 0.008                | —0 42 23.5           | 14.80   | 0.31      | 5216           |
| 779  |       |     | 46.65                                              |                     |                      | 23.8                 |         |           | 2053           |
| 780  |       | 8.8 | 49 48.67                                           | 3.072               | 0.008                | +0 0 52.6            | 14.79   | 0.31      | 5262           |
| 781  |       |     | 48.88                                              |                     |                      | 50.9                 |         |           | 2090           |
| 782  | 823   | 9.0 | 49 52.49                                           | 3.066               | 0.008                | —0 23 31.0           | 14.79   | 0.31      | 2439           |
| 783  |       |     | 52.46                                              |                     |                      | 28.7                 |         |           | 5371           |
| 784  |       | 7.5 | 50 45.44                                           | 3.071               | 0.008                | 0 3 24.4             | 14.74   | 0.31      | 1865           |
| 785  |       |     | 45.58                                              |                     |                      | 26.4                 |         |           | 2153           |
| 786* |       | 7.5 | 50 48.31                                           | 3.055               | 0.008                | 1 4 47.6             | 14.74   | 0.31      | 1977           |
| 787* |       |     | 48.08                                              |                     |                      | 49.8                 |         |           | 5372           |
| 788* |       | 8.7 | 51 26.80                                           | 3.071               | 0.008                | 0 5 29.0             | 14.70   | 0.31      | 5293           |
| 789* |       |     | 26.93                                              |                     |                      | 27.1                 |         |           | 2544           |
| 790  |       | 8.8 | 52 4.05                                            | 3.071               | 0.008                | 0 3 56.8             | 14.66   | 0.31      | 2440           |
| 791  |       |     | 4.19                                               |                     |                      | 54.4                 |         |           | 2091           |
| 792  |       |     | 3.95                                               |                     |                      | 55.3                 |         |           | 2154           |
| 793  |       | 9.0 | 53 10.83                                           | 3.042               | 0.007                | 1 54 15.0            | 14.60   | 0.31      | 1978           |
| 794  |       |     | 10.95                                              |                     |                      | 16.6                 |         |           | 2545           |
| 795  | 844   | 8.5 | 53 15.75                                           | 3.054               | 0.008                | 1 7 33.9             | 14.59   | 0.31      | 5217           |
| 796  |       |     | 15.34                                              |                     |                      | 35.4                 |         |           | 2054           |
| 797  |       | 8.2 | 53 31.13                                           | 3.053               | 0.008                | 1 10 40.0            | 14.58   | 0.31      | 1866           |
| 798  |       |     | 30.97                                              |                     |                      | 42.8                 |         |           | 2585           |
| 799  |       | 8.2 | 53 43.91                                           | 3.053               | 0.008                | 1 10 50.6            | 14.56   | 0.31      | 5294           |
| 800  |       |     | 43.51                                              |                     |                      | 51.7                 |         |           | 2055           |
| 801* |       |     | 43.85                                              |                     |                      | 46.4                 |         |           | 2585           |
| 802  |       | 8.6 | 53 43.69                                           | 3.068               | 0.008                | 0 15 49.1            | 14.56   | 0.31      | 2441           |
| 803  |       |     | 43.67                                              |                     |                      | 48.6                 |         |           | 2164           |
| 804  |       | 8.6 | 53 56.34                                           | 3.059               | 0.008                | 0 48 26.7            | 14.55   | 0.31      | 5263           |
| 805  |       |     | 56.30                                              |                     |                      | 29.5                 |         |           | 5373           |
| 806  |       | 9.0 | 53 57.87                                           | 3.072               | 0.008                | 0 1 18.7             | 14.55   | 0.31      | 5218           |
| 807  |       |     | 57.82                                              |                     |                      | 19.9                 |         |           | 2155           |
| 808  |       | 8.6 | 54 18.46                                           | 3.063               | 0.008                | 0 36 56.5            | 14.53   | 0.31      | 5767           |
| 809  |       |     | 18.65                                              |                     |                      | 57.7                 |         |           | 5402           |
| 810  |       | 8.8 | 2 55 17.38                                         | 3.068               | +0.008               | —0 13 46.6           | +14.47  | —0.32     | 1979           |

786. Dupl., Pos. = 200°, d = 5''0, 7<sup>m</sup>0 und 9<sup>m</sup>0. — 787. Dupl., Pos. = 180°, d = 8''0, 7<sup>m</sup>5 und 9<sup>m</sup>1. —  
 788. Dupl., d = 8''0, 8<sup>m</sup>8 und 8<sup>m</sup>9, vorangehenden und etwas helleren beob. — 789. Dupl., d = 8'', beide  
 8<sup>m</sup>8 bis 9<sup>m</sup>0, vorangehenden beob. — 801. Geschätzt 3''5 südlicher als Nr. 798.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|----------|-----------|----------------|
| 811  |       |     | 2 <sup>h</sup> 55 <sup>m</sup> 17 <sup>s</sup> 45 |                    |                     | —0° 13' 50'' 6       |          |           | 2156           |
| 812  |       | 8.7 | 55 28.81                                          | 3 <sup>s</sup> 045 | +0 <sup>s</sup> 007 | 1 39 29.1            | +14'' 46 | —0'' 32   | 2442           |
| 813  |       |     | 28.88                                             |                    |                     | 27.8                 |          |           | 2546           |
| 814  |       | 8.0 | 55 30.66                                          | 3.049              | 0.007               | —1 24 46.1           | 14. 46   | 0. 32     | 5264           |
| 815  |       |     | 30.76                                             |                    |                     | 50.1                 |          |           | 5374           |
| 816* |       | 8.9 | 55 35.40                                          | 3.072              | 0.008               | +0 0 12.3            | 14. 45   | 0. 32     | 5857           |
| 817  |       |     | 35.43                                             |                    |                     | 13.1                 |          |           | 5509           |
| 818  |       | 9.0 | 55 42.42                                          | 3.066              | 0.008               | —0 24 17.1           | 14. 44   | 0. 32     | 5265           |
| 819  |       |     | 42.37                                             |                    |                     | 18.9                 |          |           | 5375           |
| 820* |       | 9.0 | 56 13.41                                          | 3.071              | 0.008               | 0 4 5.9              | 14. 41   | 0. 32     | 2443           |
| 821  |       |     | 13.70                                             |                    |                     | 5.7                  |          |           | 5510           |
| 822* |       |     | 13.48                                             |                    |                     | 4.9                  |          |           | 6579           |
| 823  |       | 9.0 | 58 34.54                                          | 3.060              | 0.008               | 0 45 33.4            | 14. 27   | 0. 32     | 1980           |
| 824* |       |     | 34.73                                             |                    |                     | 34.8                 |          |           | 2547           |
| 825  |       | 9.0 | 2 59 49.68                                        | 3.054              | 0.008               | 1 4 24.8             | 14. 19   | 0. 32     | 1981           |
| 826  |       |     | 49.58                                             |                    |                     | 30.8                 |          |           | 2157           |
| 827  |       | 8.9 | 3 0 34.16                                         | 3.045              | 0.007               | 1 38 22.1            | 14. 15   | 0. 32     | 5768           |
| 828  |       |     | 34.31                                             |                    |                     | 24.7                 |          |           | 2586           |
| 829* |       | 8.9 | 1 18.50                                           | 3.056              | 0.008               | 1 1 10.6             | 14. 10   | 0. 32     | 5858           |
| 830  |       |     | 18.38                                             |                    |                     | 10.4                 |          |           | 2548           |
| 831  |       | 9.0 | 1 20.21                                           | 3.062              | 0.008               | 0 37 57.3            | 14. 10   | 0. 32     | 5769           |
| 832  |       |     | 20.40                                             |                    |                     | 60.0                 |          |           | 5407           |
| 833* |       | 9.0 | 3 17.21                                           | 3.047              | 0.007               | 1 28 54.1            | 13. 98   | 0. 33     | 2444           |
| 834  |       |     | 17.43                                             |                    |                     | 55.1                 |          |           | 2165           |
| 835  |       | 7.3 | 4 12.14                                           | 3.068              | 0.008               | 0 15 44.8            | 13. 92   | 0. 33     | 5770           |
| 836  |       |     | 12.08                                             |                    |                     | 43.3                 |          |           | 2549           |
| 837  |       | 9.0 | 5 2.50                                            | 3.052              | 0.008               | 1 10 60.3            | 13. 87   | 0. 33     | 5771           |
| 838  |       |     | 2.79                                              |                    |                     | 59.8                 |          |           | 2550           |
| 839  |       | 7.8 | 5 18.07                                           | 3.056              | 0.008               | 0 58 0.1             | 13. 85   | 0. 33     | 5859           |
| 840  |       |     | 17.95                                             |                    |                     | 0.6                  |          |           | 5408           |
| 841  |       | 9.0 | 5 24.79                                           | 3.051              | 0.008               | 1 15 12.3            | 13. 84   | 0. 33     | 6022           |
| 842  |       |     | 24.92                                             |                    |                     | 16.9                 |          |           | 2587           |
| 843  | 908   | 8.0 | 5 38.38                                           | 3.067              | 0.008               | 0 21 56.0            | 13. 83   | 0. 33     | 6102           |
| 844  |       |     | 38.30                                             |                    |                     | 55.5                 |          |           | 2092           |
| 845  |       | 9.0 | 5 43.36                                           | 3.063              | 0.008               | 0 33 46.4            | 13. 82   | 0. 33     | 1982           |
| 846  |       |     | 43.14                                             |                    |                     | 47.6                 |          |           | 2158           |
| 847  |       | 9.0 | 5 46.40                                           | 3.070              | 0.008               | 0 8 42.7             | 13. 82   | 0. 33     | 6023           |
| 848  |       |     | 46.57                                             |                    |                     | 44.1                 |          |           | 5511           |
| 849  |       | 8.5 | 5 46.33                                           | 3.060              | 0.008               | 0 43 2.9             | 13. 82   | 0. 33     | 6307           |
| 850* |       |     | 46.53                                             |                    |                     | 3.1                  |          |           | 5609           |
| 851  |       | 8.3 | 5 52.66                                           | 3.048              | 0.007               | 1 25 7.3             | 13. 81   | 0. 33     | 6103           |
| 852  |       |     | 52.94                                             |                    |                     | 7.7                  |          |           | 5680           |
| 853  |       | 8.5 | 6 4.17                                            | 3.049              | 0.008               | 1 19 13.4            | 13. 80   | 0. 33     | 5860           |
| 854  |       |     | 3.91                                              |                    |                     | 13.7                 |          |           | 5681           |
| 855  |       | 5.3 | 3 6 23.46                                         | 3.044              | +0.007              | —1 39 55.7           | +13. 78  | —0. 33    | 5881           |

816. Sehr schwach, an 3 Fäden die schlecht stimmen. — 820. Nur an 3 Fäden. — 821. Sehr schwach, an 3 Fäden. — 824. Sehr schwach, Decl. unsicher. — 829. Sehr schwach. — 833. Hell für 9<sup>m</sup>o. — 850. Wurde aus Versehen an demselben Tage wieder beobachtet, 46<sup>s</sup> 42 und 4'' 2 Beob. Nr. 5610.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                           | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|--------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 856  |       |     | 3 <sup>h</sup> 6 <sup>m</sup> 23 <sup>s</sup> 61 |        |           | —1° 39' 54" 2        |         |           | 5512           |
| 857  |       | 8.5 | 6 32.59                                          | 3.058  | +0.008    | 0 51 18.5            | +13" 77 | —0" 33    | 5772           |
| 858  |       |     | 32.48                                            |        |           | 17.9                 |         |           | 5611           |
| 859* |       | 9.0 | 6 46.26                                          | 3.050  | 0.008     | 1 17 7.4             | 13.75   | 0.33      | 6104           |
| 860  |       |     | 46.48                                            |        |           | 7.3                  |         |           | 5682           |
| 861  | 917   | 8.3 | 6 57.45                                          | 3.067  | 0.008     | 0 17 44.8            | 13.74   | 0.33      | 5861           |
| 862  |       |     | 57.30                                            |        |           | 45.1                 |         |           | 5513           |
| 863  |       | 8.9 | 7 42.73                                          | 3.071  | 0.008     | 0 3 36.4             | 13.69   | 0.34      | 5773           |
| 864  |       |     | 42.62                                            |        |           | 34.4                 |         |           | 2551           |
| 865  | 929   | 9.0 | 8 4.20                                           | 3.058  | 0.008     | 0 47 38.6            | 13.67   | 0.34      | 6025           |
| 866* |       |     | 4.59                                             |        |           | 38.8                 |         |           | 2588           |
| 867  |       | 8.5 | 8 59.42                                          | 3.044  | 0.007     | 1 39 36.1            | 13.62   | 0.34      | 5774           |
| 868* |       |     | 59.43                                            |        |           | 36.9                 |         |           | 2166           |
| 869  |       | 8.4 | 9 9.27                                           | 3.057  | 0.008     | 0 56 38.1            | 13.60   | 0.34      | 5862           |
| 870  |       |     | 9.39                                             |        |           | 36.3                 |         |           | 5409           |
| 871  |       | 8.5 | 9 47.83                                          | 3.072  | 0.008     | 0 0 3.7              | 13.56   | 0.34      | 5882           |
| 872  |       |     | 48.01                                            |        |           | 2.4                  |         |           | 5514           |
| 873  |       | 9.0 | 10 1.70                                          | 3.057  | 0.008     | 0 53 11.7            | 13.55   | 0.34      | 6105           |
| 874* |       |     | 1.92                                             |        |           | 9.9                  |         |           | 5410           |
| 875  | 951   | 8.5 | 11 0.21                                          | 3.061  | 0.008     | 0 37 16.6            | 13.48   | 0.34      | 5775           |
| 876  |       |     | 0.25                                             |        |           | 13.8                 |         |           | 2552           |
| 877  | 954   | 6.2 | 11 58.62                                         | 3.048  | 0.008     | 1 23 14.1            | 13.42   | 0.34      | 5776           |
| 878  |       |     | 58.55                                            |        |           | 14.8                 |         |           | 2589           |
| 879  |       | 9.0 | 12 58.71                                         | 3.065  | 0.008     | 0 24 51.4            | 13.36   | 0.34      | 5777           |
| 880  |       |     | 58.41                                            |        |           | 51.7                 |         |           | 2167           |
| 881  |       | 8.1 | 14 21.27                                         | 3.061  | 0.008     | 0 37 21.7            | 13.27   | 0.34      | 5863           |
| 882  |       |     | 21.33                                            |        |           | 23.6                 |         |           | 2590           |
| 883  |       | 8.6 | 14 45.74                                         | 3.058  | 0.008     | 0 49 20.3            | 13.24   | 0.34      | 5778           |
| 884  |       |     | 45.84                                            |        |           | 15.7                 |         |           | 2553           |
| 885  |       | 8.5 | 14 48.84                                         | 3.065  | 0.008     | 0 23 32.5            | 13.23   | 0.34      | 5883           |
| 886  |       |     | 48.98                                            |        |           | 31.0                 |         |           | 2676           |
| 887  |       | 8.6 | 14 48.66                                         | 3.055  | 0.008     | 0 58 40.2            | 13.23   | 0.34      | 5864           |
| 888  |       |     | 48.63                                            |        |           | 40.8                 |         |           | 5411           |
| 889  | 982   | 9.0 | 16 15.07                                         | 3.055  | 0.008     | 0 58 36.5            | 13.14   | 0.35      | 5779           |
| 890  |       |     | 15.28                                            |        |           | 36.2                 |         |           | 2554           |
| 891  |       | 9.0 | 16 52.15                                         | 3.038  | 0.007     | 1 56 21.8            | 13.10   | 0.35      | 5884           |
| 892  |       |     | 52.17                                            |        |           | 23.2                 |         |           | 2168           |
| 893  |       | 8.7 | 17 50.72                                         | 3.069  | 0.008     | 0 11 49.7            | 13.03   | 0.35      | 5780           |
| 894  |       |     | 50.61                                            |        |           | 51.4                 |         |           | 2591           |
| 895  |       | 9.0 | 18 12.40                                         | 3.070  | 0.008     | 0 6 34.1             | 13.01   | 0.35      | 5885           |
| 896* |       |     | 12.29                                            |        |           | 32.2                 |         |           | 2677           |
| 897  | 1001  | 8.7 | 19 4.22                                          | 3.044  | 0.007     | 1 35 42.1            | 12.95   | 0.35      | 5781           |
| 898* |       |     | 4.09                                             |        |           | 39.6                 |         |           | 2555           |
| 899  | 1005  | 9.0 | 3 19 25.48                                       | 3.051  | +0.008    | —1 10 11.7           | +12.93  | —0.35     | 5886           |
| 900  |       |     | 25.60                                            |        |           | 9.7                  |         |           | 5412           |

859. Auch 46<sup>s</sup> 19, Beob. Nr. 6024, keine Declin. — 866. Fäden stimmen sehr schlecht. — 868. Dupl., 8<sup>m</sup> 5 und 9<sup>m</sup> 0 südvorangehenden und helleren beob. — 874. Sehr schwach. — 896. Sehr schwach. — 898. Dupl. Pos. = 181°, d = 5", 9<sup>m</sup> 0 und 9<sup>m</sup> 2.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|----------|-----------|----------------|
| 901  | 1008  | 8.8 | 3 <sup>h</sup> 19 <sup>m</sup> 42 <sup>s</sup> 11 | 3 <sup>s</sup> 053 | +0 <sup>s</sup> 008 | —1° 5' 8'' 7         | +12'' 91 | —0'' 35   | 6026           |
| 902  |       |     | 42.02                                             |                    |                     | 10. 6                |          |           | 5515           |
| 903  |       | 8.7 | 19 55.88                                          | 3.046              | 0.008               | 1 28 30. 2           | 12. 90   | 0. 35     | 5782           |
| 904  |       |     | 55.74                                             |                    |                     | 29. 1                |          |           | 2592           |
| 905  |       | 7.3 | 20 25.18                                          | 3.065              | 0.008               | 0 24 47. 6           | 12. 87   | 0. 35     | 5887           |
| 906  |       |     | 25.22                                             |                    |                     | 46. 6                |          |           | 5413           |
| 907  | 1026  | 8.3 | 22 31.23                                          | 3.057              | 0.008               | 0 50 56. 4           | 12. 72   | 0. 35     | 5783           |
| 908  |       |     | 31.30                                             |                    |                     | 57. 5                |          |           | 2169           |
| 909  |       | 8.9 | 22 49.31                                          | 3.072              | 0.008               | 0 1 14. 7            | 12. 70   | 0. 35     | 5888           |
| 910  |       |     | 49.22                                             |                    |                     | 14. 7                |          |           | 2593           |
| 911  |       | 9.0 | 23 51.12                                          | 3.056              | 0.008               | 0 55 28. 0           | 12. 63   | 0. 35     | 5784           |
| 912  |       |     | 51.29                                             |                    |                     | 29. 4                |          |           | 2678           |
| 913  | 1039  | 7.0 | 24 41.49                                          | 3.056              | 0.008               | 0 54 31. 7           | 12. 57   | 0. 35     | 2862           |
| 914  |       |     | 41.75                                             |                    |                     | 32. 5                |          |           | 2556           |
| 915  |       | 8.5 | 25 44.48                                          | 3.070              | 0.008               | 0 8 14. 3            | 12. 50   | 0. 36     | 5785           |
| 916  |       |     | 44.44                                             |                    |                     | 13. 8                |          |           | 2557           |
| 917  |       | 8.1 | 26 25.87                                          | 3.055              | 0.008               | 0 55 42. 3           | 12. 45   | 0. 36     | 5889           |
| 918  |       |     | 25.99                                             |                    |                     | 42. 3                |          |           | 2594           |
| 919  |       | 8.5 | 26 43.09                                          | 3.041              | 0.007               | 1 43 10. 6           | 12. 44   | 0. 36     | 5786           |
| 920  |       |     | 43.15                                             |                    |                     | 8. 3                 |          |           | 2679           |
| 921* |       | 8.4 | 27 3.32                                           | 3.067              | 0.008               | 0 18 10. 5           | 12. 41   | 0. 36     | 6027           |
| 922  |       |     | 3.48                                              |                    |                     | 12. 5                |          |           | 5414           |
| 923  | 1060  | 8.6 | 27 17.75                                          | 3.057              | 0.008               | 0 49 15. 9           | 12. 40   | 0. 36     | 5890           |
| 924  |       |     | 18.05                                             |                    |                     | 14. 2                |          |           | 5516           |
| 925  |       | 9.0 | 27 28.89                                          | 3.053              | 0.008               | 1 1 56. 6            | 12. 39   | 0. 36     | 6106           |
| 926  |       |     | 29.12                                             |                    |                     | 59. 5                |          |           | 5415           |
| 927  |       | 9.0 | 27 52.03                                          | 3.068              | 0.008               | 0 16 5. 8            | 12. 36   | 0. 36     | 6107           |
| 928  |       |     | 51.95                                             |                    |                     | 2. 9                 |          |           | 2558           |
| 929  |       | 8.5 | 28 50.09                                          | 3.051              | 0.008               | 1 9 14. 1            | 12. 29   | 0. 36     | 5787           |
| 930  |       |     | 49.93                                             |                    |                     | 13. 1                |          |           | 2595           |
| 931  | 1081  | 8.9 | 30 18.64                                          | 3.059              | 0.008               | —0 42 23. 9          | 12. 19   | 0. 36     | 5788           |
| 932  |       |     | 18.80                                             |                    |                     | 24. 0                |          |           | 2559           |
| 933  |       | 4.2 | 30 29.95                                          | 3.072              | 0.008               | +0 0 15. 1           | 12. 17   | 0. 36     | 2863           |
| 934  |       |     | 29.77                                             |                    |                     | 14. 3                |          |           | 2170           |
| 935  |       | 9.0 | 30 45.11                                          | 3.058              | 0.008               | —0 46 0. 8           | 12. 16   | 0. 36     | 6028           |
| 936  |       |     | 45.53                                             |                    |                     | 2. 4                 |          |           | 2680           |
| 937  |       | 8.0 | 31 26.31                                          | 3.067              | 0.008               | 0 16 17. 5           | 12. 11   | 0. 36     | 5789           |
| 938* |       |     | 25.72                                             |                    |                     | 17. 0                |          |           | 2596           |
| 939  |       | 8.3 | 32 20.71                                          | 3.055              | 0.008               | 0 55 29. 8           | 12. 05   | 0. 36     | 5790           |
| 940  |       |     | 20.63                                             |                    |                     | 27. 4                |          |           | 2560           |
| 941  | 1093  | 7.8 | 32 34.20                                          | 3.037              | 0.007               | 1 56 4. 6            | 12. 03   | 0. 36     | 2864           |
| 942  |       |     | 34.21                                             |                    |                     | 5. 3                 |          |           | 2791           |
| 943  |       | 8.9 | 32 41.72                                          | 3.054              | 0.008               | 0 57 2. 0            | 12. 02   | 0. 36     | 6029           |
| 944  |       |     | 41.96                                             |                    |                     | 4. 9                 |          |           | 5416           |
| 945  | 1099  | 8.5 | 3 33 20.34                                        | 3.049              | +0.008              | —1 11 56. 1          | +11. 98  | —0. 36    | 5791           |

921. Eine 2<sup>te</sup> Einstellung gab 11'' 4. Schjellerup's Decl. bedarf einer Correction von —1'. — 938. Fäden stimmen schlecht. —



| Nro. | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 946  | III2  | 6.7 | 3 <sup>h</sup> 33 <sup>m</sup> 20 <sup>s</sup> 33 | 3 <sup>s</sup> 043 | +0 <sup>s</sup> 008 | —1° 11' 55" 7        | +11" 96 | —0" 36    | 2681           |
| 947  |       |     | 33 38.21                                          |                    |                     | 1 31 41. 9           |         |           | 6030           |
| 948  |       |     | 38.36                                             |                    |                     | 42. 9                |         |           | 2792           |
| 949  |       |     | 35 2.14                                           |                    |                     | 0 37 24. 4           |         |           | 2865           |
| 950  |       |     | 2.05                                              |                    |                     | 27. 2                |         |           | 2171           |
| 951  | II27  | 7.8 | 35 15.09                                          | 3.056              | 0.008               | 0 53 59. 6           | II. 84  | 0. 37     | 5792           |
| 952  |       |     | 15.08                                             |                    |                     | 58. 5                |         |           | 2682           |
| 953  |       |     | 36 50.53                                          |                    |                     | —0 28 37. 1          |         |           | 5793           |
| 954  |       |     | 50.30                                             |                    |                     | 39. 1                |         |           | 2597           |
| 955  |       |     | 36 59.48                                          |                    |                     | +0 2 48. 2           |         |           | 6031           |
| 956  |       | 5.8 | 59.73                                             | 3.043              | 0.008               | 46. 5                | II. 63  | 0. 37     | 2683           |
| 957  |       |     | 38 9.62                                           |                    |                     | —1 33 31. 5          |         |           | 5794           |
| 958  |       |     | 9.68                                              |                    |                     | 31. 1                |         |           | 2793           |
| 959  |       |     | 38 28.15                                          |                    |                     | 1 8 52. 5            |         |           | 6032           |
| 960  |       |     | 28.29                                             |                    |                     | 54. 6                |         |           | 2561           |
| 961  |       | 6.2 | 38 33.02                                          | 3.059              | 0.008               | 0 41 29. 4           | II. 61  | 0. 37     | 2866           |
| 962  |       |     | 32.99                                             |                    |                     | 30. 3                |         |           | 2598           |
| 963  |       |     | 39 29.42                                          |                    |                     | 0 10 14. 4           |         |           | 2867           |
| 964  |       |     | 29.27                                             |                    |                     | 12. 6                |         |           | 2172           |
| 965  |       |     | 40 24.33                                          |                    |                     | 0 15 18. 4           |         |           | 5795           |
| 966  | II53  | 9.0 | 24.43                                             | 3.037              | 0.007               | 18. 3                | II. 44  | 0. 37     | 2562           |
| 967  |       |     | 40 47.89                                          |                    |                     | 1 50 37. 5           |         |           | 6033           |
| 968  |       |     | 47.87                                             |                    |                     | 42. 0                |         |           | 2599           |
| 969  |       |     | 41 35.43                                          |                    |                     | 0 0 53. 9            |         |           | 2868           |
| 970  |       |     | 35.52                                             |                    |                     | 54. 9                |         |           | 5417           |
| 971  | II60  | 9.0 | 41 42.27                                          | 3.054              | 0.008               | 0 56 57. 0           | II. 38  | 0. 37     | 5796           |
| 972  |       |     | 42.28                                             |                    |                     | 58. 0                |         |           | 5517           |
| 973* |       |     | 41 46.03                                          |                    |                     | 0 17 15. 9           |         |           | 6308           |
| 974* |       |     | 46.13                                             |                    |                     | 17. 6                |         |           | 2684           |
| 975  |       |     | 42 4.77                                           |                    |                     | 1 55 18. 4           |         |           | 6034           |
| 976  |       | 6.5 | 4.95                                              | 3.069              | 0.008               | 19. 1                | II. 34  | 0. 37     | 5612           |
| 977  |       |     | 42 14.19                                          |                    |                     | 0 9 28. 2            |         |           | 6401           |
| 978  |       |     | 14.24                                             |                    |                     | 26. 7                |         |           | 2794           |
| 979  |       |     | 42 41.13                                          |                    |                     | 1 28 45. 2           |         |           | 5797           |
| 980  |       |     | 41.14                                             |                    |                     | 48. 0                |         |           | 5418           |
| 981  | II71  | 9.0 | 42 56.27                                          | 3.036              | 0.007               | 1 53 32. 2           | II. 29  | 0. 37     | 6035           |
| 982* |       |     | 56.41                                             |                    |                     | 33. 9                |         |           | 2685           |
| 983  |       |     | 42 58.05                                          |                    |                     | 1 50 8. 5            |         |           | 6108           |
| 984  |       |     | 58.20                                             |                    |                     | 10. 3                |         |           | 5518           |
| 985  |       |     | 43 1.39                                           |                    |                     | 1 13 24. 1           |         |           | 6309           |
| 986  |       | 8.2 | 1.13                                              | 3.058              | 0.008               | 24. 8                | II. 28  | 0. 37     | 5613           |
| 987  |       |     | 43 7.64                                           |                    |                     | 0 44 22. 3           |         |           | 2869           |
| 988  |       |     | 7.43                                              |                    |                     | 22. 3                |         |           | 5614           |
| 989  |       |     | 3 43 23.10                                        |                    |                     | —0 3 19. 5           |         |           | 6402           |
| 990  |       |     | 23.12                                             |                    |                     | 20. 6                |         |           | 2600           |

973. Sehr schwach. — 974. Sehr schwach. — 982. Sehr hell für 9<sup>m</sup>o.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 991*  |       | 9.0 | 3 <sup>h</sup> 43 <sup>m</sup> 51 <sup>s</sup> .04 | 3.066  | +0.008    | —0° 18' 9" 5         | +11" 23 | —0" 37    | 6109           |
| 992*  |       |     | 51.00                                              |        |           | 8. 7                 |         |           | 5519           |
| 993   |       | 7.0 | 43 55.26                                           | 3.036  | 0.007     | 1 54 17. 1           | 11. 22  | 0. 37     | 6310           |
| 994   |       |     | 55.42                                              |        |           | 20. 0                |         |           | 2173           |
| 995   | 1182  | 8.2 | 44 28.65                                           | 3.062  | 0.008     | 0 32 43. 9           | 11. 18  | 0. 37     | 5798           |
| 996   |       |     | 28.76                                              |        |           | 44. 6                |         |           | 2563           |
| 997   |       | 8.8 | 44 44.67                                           | 3.062  | 0.008     | 0 24 35. 3           | 11. 16  | 0. 37     | 2870           |
| 998   |       |     | 44.64                                              |        |           | 37. 7                |         |           | 5520           |
| 999   | 1189  | 9.0 | 45 6.61                                            | 3.038  | 0.008     | 1 44 56. 1           | 11. 13  | 0. 38     | 6036           |
| 1000  |       |     | 6.70                                               |        |           | 58. 7                |         |           | 5419           |
| 1001* |       | 8.9 | 45 9.96                                            | 3.071  | 0.008     | 0 2 34. 9            | 11. 13  | 0. 38     | 6110           |
| 1002  |       |     | 10.10                                              |        |           | 35. 0                |         |           | 2686           |
| 1003  |       | 8.8 | 45 27.96                                           | 3.054  | 0.008     | 0 54 22. 8           | 11. 11  | 0. 38     | 6311           |
| 1004  |       |     | 27.84                                              |        |           | 24. 1                |         |           | 2601           |
| 1005  |       | 7.0 | 45 48.09                                           | 3.042  | 0.008     | 1 31 29. 6           | 11. 08  | 0. 38     | 6403           |
| 1006  |       |     | 47.97                                              |        |           | 28. 2                |         |           | 5615           |
| 1007  |       | 7.3 | 45 54.57                                           | 3.052  | 0.008     | 1 1 55. 8            | 11. 07  | 0. 38     | 5891           |
| 1008  |       |     | 54.79                                              |        |           | 56. 6                |         |           | 5683           |
| 1009  |       | 8.8 | 46 21.34                                           | 3.045  | 0.008     | 1 22 48. 6           | 11. 04  | 0. 38     | 6111           |
| 1010  |       |     | 21.31                                              |        |           | 51. 4                |         |           | 5420           |
| 1011  |       | 9.0 | 46 30.36                                           | 3.065  | 0.008     | 0 22 10. 2           | 11. 03  | 0. 38     | 6037           |
| 1012* |       |     | 30.31                                              |        |           | 10. 5                |         |           | 6414           |
| 1013  |       | 8.8 | 47 25.09                                           | 3.064  | 0.008     | 0 25 21. 7           | 10. 96  | 0. 38     | 6312           |
| 1014  |       | 8.5 | 47 50.39                                           | 3.062  | 0.008     | 0 30 40. 1           | 10. 93  | 0. 38     | 5799           |
| 1015  |       |     | 50.56                                              |        |           | 37. 9                |         |           | 2174           |
| 1016  |       | 8.3 | 47 51.23                                           | 3.071  | 0.008     | 0 4 54. 0            | 10. 93  | 0. 38     | 5892           |
| 1017  |       |     | 51.33                                              |        |           | 50. 2                |         |           | 2564           |
| 1018  |       | 8.3 | 48 29.27                                           | 3.065  | 0.008     | 0 21 30. 0           | 10. 89  | 0. 38     | 6038           |
| 1019  |       |     | 29.07                                              |        |           | 32. 8                |         |           | 2602           |
| 1020  | 1214  | 8.8 | 48 37.65                                           | 3.040  | 0.008     | 1 38 8. 1            | 10. 88  | 0. 38     | 5800           |
| 1021  |       |     | 37.79                                              |        |           | 6. 6                 |         |           | 2687           |
| 1022  |       | 9.0 | 49 13.44                                           | 3.044  | 0.008     | 1 26 48. 8           | 10. 83  | 0. 38     | 2871           |
| 1023  |       |     | 13.44                                              |        |           | 50. 0                |         |           | 5421           |
| 1024  |       | 8.3 | 50 23.15                                           | 3.034  | 0.007     | 1 56 11. 1           | 10. 75  | 0. 38     | 5893           |
| 1025  |       |     | 23.34                                              |        |           | 10. 2                |         |           | 2565           |
| 1026  |       | 8.8 | 50 30.25                                           | 3.048  | 0.008     | —1 15 0. 1           | 10. 74  | 0. 38     | 5801           |
| 1027* |       |     | 30.13                                              |        |           | 0. 6                 |         |           | 2603           |
| 1028  |       | 9.0 | 50 45.14                                           | 3.072  | 0.008     | +0 1 5. 3            | 10. 72  | 0. 38     | 6039           |
| 1029  |       |     | 45.12                                              |        |           | 2. 0                 |         |           | 5422           |
| 1030  |       | 8.7 | 51 9.55                                            | 3.042  | 0.008     | —1 31 1. 4           | 10. 69  | 0. 38     | 2872           |
| 1031  |       |     | 9.63                                               |        |           | 1. 0                 |         |           | 2688           |
| 1032* |       | 9.0 | 51 34.75                                           | 3.066  | 0.008     | 0 21 3. 6            | 10. 66  | 0. 38     | 6040           |
| 1033* |       |     | 35.25                                              |        |           | 5. 5                 |         |           | 5521           |
| 1034  | 1240  | 8.5 | 3 53 3.11                                          | 3.057  | +0.008    | —0 45 47. 9          | +10. 55 | —0. 38    | 5802           |
| 1035  |       |     | 2.95                                               |        |           | 49. 5                |         |           | 2175           |

991. Sehr schwach. — 992. Sehr schwach. — 1001. Sehr schwach. — 1012. Sehr schwach, auf diesen \* folgt ein anderer, B. D. — 0° N. 614, 8<sup>m</sup>8, den wir aber nie heller als 9<sup>m</sup>6 haben sehen können. — 1027. Sehr unruhiges Bild. — 1032. Sehr schwach. — 1033. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 1036  |       | 8.8 | 3 <sup>h</sup> 53 <sup>m</sup> 24 <sup>s</sup> 40 | 3.065  | +0.008    | —0° 22' 37" 6        | +10" 52 | —0" 38    | 5894           |
| 1037  |       |     | 24.77                                             |        |           | 36. 7                |         |           | 5522           |
| 1038  |       |     | 24.51                                             |        |           | 38. 1                |         |           | 6514           |
| 1039  | 1249  | 9.0 | 53 41.18                                          | 3.035  | 0.008     | 1 49 25. 6           | 10. 50  | 0. 38     | 6041           |
| 1040  |       |     | 41.38                                             |        |           | 27. 3                |         |           | 5423           |
| 1041  |       | 5.5 | 55 12.25                                          | 3.034  | 0.007     | 1 54 5. 8            | 10. 39  | 0. 39     | 5803           |
| 1042  |       |     | 12.02                                             |        |           | 4. 7                 |         |           | 2566           |
| 1043  |       |     | 12.13                                             |        |           | 5. 6                 |         |           | 2795           |
| 1044  |       | 9.0 | 55 13.29                                          | 3.045  | 0.008     | 1 20 46. 9           | 10. 39  | 0. 39     | 5895           |
| 1045  |       |     | 13.45                                             |        |           | 46. 9                |         |           | 5424           |
| 1046  |       | 8.4 | 55 48.81                                          | 3.067  | 0.008     | 0 16 13. 5           | 10. 34  | 0. 39     | 2873           |
| 1047  |       |     | 48.95                                             |        |           | 13. 7                |         |           | 2689           |
| 1048  |       | 9.0 | 55 54.87                                          | 3.067  | 0.008     | 0 17 0. 0            | 10. 34  | 0. 39     | 6042           |
| 1049  |       |     | 55.09                                             |        |           | 1. 3                 |         |           | 5523           |
| 1050  | 1264  | 6.2 | 56 12.55                                          | 3.060  | 0.008     | 0 36 34. 7           | 10. 31  | 0. 39     | 5804           |
| 1051  |       |     | 12.44                                             |        |           | 33. 4                |         |           | 5524           |
| 1052  | 1265  | 7.2 | 56 16.79                                          | 3.049  | 0.008     | 1 9 1. 1             | 10. 31  | 0. 39     | 5896           |
| 1053  |       |     | 16.60                                             |        |           | 2. 6                 |         |           | 2176           |
| 1054  |       | 8.5 | 56 35.01                                          | 3.064  | 0.008     | —0 24 46. 2          | 10. 29  | 0. 39     | 6112           |
| 1055  |       |     | 35.08                                             |        |           | 44. 0                |         |           | 5425           |
| 1056  |       | 9.0 | 57 30.50                                          | 3.073  | 0.008     | +0 3 5. 0            | 10. 22  | 0. 39     | 5897           |
| 1057  |       |     | 30.63                                             |        |           | 4. 6                 |         |           | 2604           |
| 1058  |       | 9.0 | 57 32.96                                          | 3.051  | 0.008     | —1 3 53. 7           | 10. 21  | 0. 39     | 6043           |
| 1059  |       |     | 33.07                                             |        |           | 56. 8                |         |           | 5616           |
| 1060  |       | 8.3 | 57 48.69                                          | 3.041  | 0.008     | 1 31 15. 7           | 10. 19  | 0. 39     | 6113           |
| 1061  |       |     | 48.66                                             |        |           | 12. 9                |         |           | 2567           |
| 1062  |       |     | 48.57                                             |        |           | 15. 6                |         |           | 5617           |
| 1063  |       | 8.3 | 58 8.07                                           | 3.071  | 0.008     | 0 5 11. 6            | 10. 17  | 0. 39     | 6114           |
| 1064  |       |     | 8.12                                              |        |           | 9. 9                 |         |           | 5426           |
| 1065  |       | 9.0 | 58 19.84                                          | 3.066  | 0.008     | 0 19 22. 6           | 10. 15  | 0. 39     | 6044           |
| 1066* |       |     | 20.52                                             |        |           | 24. 2                |         |           | 5525           |
| 1067  |       | 8.8 | 58 34.50                                          | 3.062  | 0.008     | 0 31 56. 7           | 10. 14  | 0. 39     | 6313           |
| 1068  |       |     | 34.65                                             |        |           | 58. 6                |         |           | 2651           |
| 1069  |       | 7.8 | 58 53.11                                          | 3.045  | 0.008     | 1 21 13. 0           | 10. 11  | 0. 39     | 2874           |
| 1070  |       |     | 53.28                                             |        |           | 12. 0                |         |           | 2690           |
| 1071  | 1282  | 7.5 | 58 53.98                                          | 3.054  | 0.008     | 0 54 34. 6           | 10. 11  | 0. 39     | 5805           |
| 1072* |       |     | 53.68                                             |        |           | 34. 6                |         |           | 5684           |
| 1073  |       | 8.5 | 59 6.03                                           | 3.040  | 0.008     | 1 35 15. 7           | 10. 10  | 0. 39     | 6045           |
| 1074  |       |     | 6.15                                              |        |           | 18. 5                |         |           | 6415           |
| 1075  |       | 8.5 | 59 12.18                                          | 3.069  | 0.008     | 0 9 27. 8            | 10. 09  | 0. 39     | 5898           |
| 1076  |       |     | 12.03                                             |        |           | 30. 5                |         |           | 5526           |
| 1077  |       | 9.0 | 59 31.84                                          | 3.052  | 0.008     | 0 59 61. 6           | 10. 06  | 0. 39     | 5806           |
| 1078* |       |     | 32.09                                             |        |           | 59. 9                |         |           | 5427           |
| 1079  |       | 8.3 | 3 59 45.37                                        | 3.065  | +0.008    | —0 21 41. 8          | +10. 05 | —0. 39    | 6115           |
| 1080  |       |     | 45.06                                             |        |           | 41. 0                |         |           | 5685           |

1066. A. R. sehr unsicher. — 1072. Sehr unruhiges Bild. — 1078. Wurde auch 31<sup>s</sup>87 und 62<sup>s</sup>8 beobachtet, Beob. Nr. 6515.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 1081  |       | 9.0 | 3 <sup>h</sup> 59 <sup>m</sup> 46 <sup>s</sup> .54 | 3.037  | +0.008    | —1° 42' 50" 1        | +10" 05 | —0" 39    | 6314           |
| 1082  |       |     | 46.47                                              |        |           | 51. 1                |         |           | 5618           |
| 1083  |       | 8.0 | 4 2 44.28                                          | 3.069  | 0.008     | 0 9 14. 5            | 9. 82   | 0. 39     | 2875           |
| 1084  |       |     | 44.50                                              |        |           | 15. 6                |         |           | 2568           |
| 1085* |       | 8.8 | 3 18.30                                            | 3.068  | 0.008     | 0 12 54. 0           | 9. 78   | 0. 39     | 5899           |
| 1086* |       |     | 23.28                                              |        |           | 53. 6                |         |           | 2652           |
| 1087  |       | 9.0 | 4 18.88                                            | 3.068  | 0.008     | 0 13 12. 0           | 9. 70   | 0. 39     | 2876           |
| 1088  |       |     | 19.14                                              |        |           | 11. 9                |         |           | 2691           |
| 1089  | 1322  | 7.2 | 5 9.24                                             | 3.057  | 0.007     | 0 44 54. 5           | 9. 63   | 0. 40     | 5807           |
| 1090  |       |     | 8.98                                               |        |           | 54. 9                |         |           | 2796           |
| 1091  |       | 8.8 | 5 19.42                                            | 3.068  | 0.007     | 0 13 31. 3           | 9. 62   | 0. 40     | 2877           |
| 1092  |       |     | 19.50                                              |        |           | 30. 3                |         |           | 5428           |
| 1093  |       | 9.0 | 6 40.59                                            | 3.064  | 0.007     | 0 23 39. 9           | 9. 52   | 0. 40     | 5808           |
| 1094* |       |     | 40.81                                              |        |           | 43. 6                |         |           | 5429           |
| 1095  |       | 7.5 | 7 17.48                                            | 3.042  | 0.007     | 1 28 11. 5           | 9. 47   | 0. 40     | 6116           |
| 1096  |       |     | 17.45                                              |        |           | 12. 2                |         |           | 5619           |
| 1097  |       | 9.0 | 7 18.81                                            | 3.062  | 0.007     | 0 30 41. 2           | 9. 47   | 0. 40     | 5900           |
| 1098  |       |     | 18.82                                              |        |           | 42. 6                |         |           | 6416           |
| 1099  | 1337  | 8.7 | 7 38.41                                            | 3.055  | 0.007     | 0 49 6. 7            | 9. 44   | 0. 40     | 5809           |
| 1100  |       |     | 38.35                                              |        |           | 9. 0                 |         |           | 5430           |
| 1101  |       | 8.5 | 7 58.44                                            | 3.032  | 0.007     | 1 56 29. 2           | 9. 42   | 0. 39     | 5865           |
| 1102  |       |     | 58.47                                              |        |           | 27. 9                |         |           | 2653           |
| 1103  |       |     | 58.63                                              |        |           | 28. 5                |         |           | 2692           |
| 1104* |       | 8.8 | 7 59.76                                            | 3.058  | 0.007     | 0 40 26. 9           | 9. 42   | 0. 40     | 6046           |
| 1105  |       |     | 59.95                                              |        |           | 29. 6                |         |           | 5527           |
| 1106  |       | 8.5 | 8 37.80                                            | 3.045  | 0.007     | 1 18 48. 1           | 9. 37   | 0. 40     | 5810           |
| 1107  |       |     | 37.46                                              |        |           | 48. 7                |         |           | 5686           |
| 1108  |       | 9.0 | 8 38.90                                            | 3.055  | 0.007     | 0 51 10. 8           | 9. 37   | 0. 40     | 5901           |
| 1109  |       |     | 38.63                                              |        |           | 10. 9                |         |           | 5620           |
| 1110  |       | 8.8 | 8 49.93                                            | 3.041  | 0.007     | 1 32 9. 7            | 9. 35   | 0. 40     | 6047           |
| 1111  |       |     | 49.92                                              |        |           | 10. 9                |         |           | 5431           |
| 1112  |       | 7.5 | 9 13.72                                            | 3.066  | 0.007     | 0 18 44. 5           | 9. 32   | 0. 40     | 6117           |
| 1113  |       |     | 13.87                                              |        |           | 44. 7                |         |           | 5528           |
| 1114  |       | 8.8 | 9 23.57                                            | 3.033  | 0.007     | 1 53 31. 5           | 9. 31   | 0. 40     | 6315           |
| 1115  |       |     | 23.76                                              |        |           | 31. 9                |         |           | 2693           |
| 1116  |       | 9.0 | 9 35.83                                            | 3.056  | 0.007     | 0 46 1. 7            | 9. 29   | 0. 40     | 5811           |
| 1117  |       |     | 35.48                                              |        |           | 1. 0                 |         |           | 5687           |
| 1118  | 1346  | 8.0 | 10 8.46                                            | 3.054  | 0.007     | 0 52 44. 8           | 9. 25   | 0. 40     | 2878           |
| 1119  |       |     | 8.53                                               |        |           | 45. 1                |         |           | 2654           |
| 1120  |       | 8.8 | 10 24.50                                           | 3.042  | 0.007     | 1 27 19. 9           | 9. 23   | 0. 40     | 6118           |
| 1121  |       |     | 24.57                                              |        |           | 20. 2                |         |           | 5529           |
| 1122* |       | 8.8 | 10 25.19                                           | 3.051  | 0.007     | 1 2 33. 1            | 9. 23   | 0. 40     | 5902           |
| 1123* |       |     | 25.04                                              |        |           | 31. 9                |         |           | 5432           |
| 1124  |       | 9.0 | 4 11 5.82                                          | 3.034  | +0.007    | —1 50 58. 0          | + 9. 18 | —0. 40    | 6048           |
| 1125* |       |     | 6.23                                               |        |           | 59. 6                |         |           | 5530           |

1085. 1086. Bei einer von diesen Beobachtungen scheint ein Fehler von 5<sup>s</sup> zu sein. — 1094. Sehr schwach. — 1104. Ein \* 9<sup>m</sup>2 der B. D. geht voran. — 1122. Fäden stimmen schlecht. — 1123. Wurde auch 25<sup>s</sup>04 und 35<sup>s</sup>8 beob., Beob. Nr. 6516. — 1125. An 3 Fäden die schlecht stimmen.



1131. Sehr schwach — 1152. Sehr schwach. — 1156. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 1171  |       |     | 4 <sup>h</sup> 17 <sup>m</sup> 10 <sup>s</sup> 31 |        |           | —1° 52' 41" 6        |        |           | 5623           |
| 1172  |       | 9.0 | 17 38.65                                          | 3.050  | +0.007    | 1 2 0.5              | +8" 66 | —0" 41    | 5906           |
| 1173  |       |     | 38.72                                             |        |           | 0.8                  |        |           | 5437           |
| 1174  |       | 8.7 | 17 45.34                                          | 3.072  | 0.007     | 0 1 14.7             | 8.65   | 0.41      | 6051           |
| 1175  |       |     | 45.45                                             |        |           | 16.6                 |        |           | 2755           |
| 1176  |       | 9.0 | 18 19.29                                          | 3.059  | 0.007     | 0 36 35.4            | 8.61   | 0.41      | 6318           |
| 1177  |       |     | 19.52                                             |        |           | 36.8                 |        |           | 5534           |
| 1178  |       | 9.0 | 18 28.15                                          | 3.046  | 0.007     | 1 15 9.0             | 8.60   | 0.41      | 6121           |
| 1179  |       |     | 27.93                                             |        |           | 10.7                 |        |           | 6419           |
| 1180  |       | 9.0 | 18 30.78                                          | 3.063  | 0.007     | —0 26 45.1           | 8.60   | 0.41      | 6406           |
| 1181  |       |     | 30.61                                             |        |           | 46.8                 |        |           | 5535           |
| 1182  |       | 9.0 | 18 43.26                                          | 3.073  | 0.007     | +0 2 41.4            | 8.58   | 0.41      | 6052           |
| 1183* |       |     | 42.97                                             |        |           | 40.6                 |        |           | 6420           |
| 1184  |       |     | 43.25                                             |        |           | 39.6                 |        |           | 6518           |
| 1185  |       | 7.5 | 19 19.66                                          | 3.036  | 0.007     | —1 41 53.3           | 8.53   | 0.41      | 5870           |
| 1186  |       |     | 19.78                                             |        |           | 53.5                 |        |           | 2178           |
| 1187  |       | 8.3 | 19 28.06                                          | 3.065  | 0.007     | 0 20 26.4            | 8.52   | 0.41      | 2883           |
| 1188  |       |     | 28.01                                             |        |           | 24.7                 |        |           | 2658           |
| 1189  |       | 7.5 | 20 4.94                                           | 3.055  | 0.007     | 0 47 43.4            | 8.47   | 0.41      | 5815           |
| 1190  |       |     | 4.96                                              |        |           | 42.1                 |        |           | 2697           |
| 1191  |       | 9.0 | 21 3.31                                           | 3.063  | 0.007     | 0 27 28.1            | 8.39   | 0.41      | 5907           |
| 1192  |       |     | 3.46                                              |        |           | 29.5                 |        |           | 5536           |
| 1193  |       | 9.0 | 23 18.51                                          | 3.049  | 0.007     | 1 4 13.0             | 8.21   | 0.41      | 5816           |
| 1194  |       |     | 18.18                                             |        |           | 15.2                 |        |           | 5537           |
| 1195  |       | 9.0 | 23 34.89                                          | 3.064  | 0.007     | 0 24 47.2            | 8.19   | 0.41      | 5908           |
| 1196  |       |     | 35.13                                             |        |           | 46.7                 |        |           | 5438           |
| 1197  |       | 9.0 | 23 48.69                                          | 3.063  | 0.007     | 0 25 45.8            | 8.17   | 0.41      | 2884           |
| 1198  |       |     | 48.44                                             |        |           | 46.3                 |        |           | 2179           |
| 1199  |       | 9.0 | 24 5.04                                           | 3.053  | 0.007     | 0 52 51.7            | 8.15   | 0.41      | 6053           |
| 1200* |       |     | 5.06                                              |        |           | 50.4                 |        |           | 6421           |
| 1201  |       | 7.8 | 24 21.12                                          | 3.069  | 0.007     | 0 9 38.6             | 8.13   | 0.41      | 5817           |
| 1202  |       |     | 21.07                                             |        |           | 36.8                 |        |           | 2756           |
| 1203  |       | 8.8 | 24 21.91                                          | 3.036  | 0.007     | 1 42 43.1            | 8.13   | 0.41      | 5909           |
| 1204  |       |     | 21.90                                             |        |           | 42.0                 |        |           | 2659           |
| 1205* |       | 9.0 | 24 48.51                                          | 3.049  | 0.007     | 1 5 47.7             | 8.09   | 0.41      | 6122           |
| 1206  |       |     | 48.79                                             |        |           | 53.5                 |        |           | 6519           |
| 1207  |       | 8.8 | 24 55.63                                          | 3.049  | 0.007     | 1 5 47.5             | 8.09   | 0.41      | 6054           |
| 1208  |       |     | 55.95                                             |        |           | 49.7                 |        |           | 2799           |
| 1209  |       |     | 55.96                                             |        |           | 50.8                 |        |           | 5439           |
| 1210  |       |     | 55.95                                             |        |           | 50.1                 |        |           | 5538           |
| 1211  |       | 8.7 | 25 20.48                                          | 3.052  | 0.007     | 0 57 9.5             | 8.05   | 0.42      | 6319           |
| 1212  |       |     | 20.55                                             |        |           | 11.5                 |        |           | 6422           |
| 1213  |       | 8.0 | 25 24.23                                          | 3.037  | 0.007     | 1 37 19.5            | 8.04   | 0.42      | 6320           |
| 1214  |       |     | 24.40                                             |        |           | 18.6                 |        |           | 5689           |
| 1215  |       | 5.0 | 4 25 28.93                                        | 3.066  | +0.007    | —0 18 52.3           | +8.04  | —0.42     | 5871           |

1183. Nur an 2 Fäden. — 1200. Sehr schwach. — 1205. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 1216  |       |     | 4 <sup>h</sup> 25 <sup>m</sup> 28 <sup>s</sup> 97 |        |           | —0° 18' 49'' 0       |         |           | 2698           |
| 1217  |       | 8.9 | 25 33.64                                          | 3.047  | +0.007    | 1 11 33.5            | +8'' 03 | —0'' 42   | 6123           |
| 1218  |       |     | 33.61                                             |        |           | 35.1                 |         |           | 5539           |
| 1219  |       | 8.3 | 25 52.36                                          | 3.034  | 0.007     | 1 46 38.8            | 8.01    | 0.42      | 2885           |
| 1220  |       |     | 52.41                                             |        |           | 38.8                 |         |           | 2660           |
| 1221  |       | 8.5 | 26 34.08                                          | 3.063  | 0.007     | 0 25 4.4             | 7.96    | 0.42      | 5818           |
| 1222  |       |     | 33.84                                             |        |           | 4.7                  |         |           | 2800           |
| 1223  |       | 8.8 | 26 44.16                                          | 3.065  | 0.007     | 0 19 1.6             | 7.94    | 0.42      | 5910           |
| 1224  |       |     | 44.36                                             |        |           | 0.9                  |         |           | 5440           |
| 1225* |       | 8.5 | 26 54.26                                          | 3.039  | 0.007     | 1 33 29.5            | 7.92    | 0.42      | 6124           |
| 1226  |       |     | 54.19                                             |        |           | 29.6                 |         |           | 5624           |
| 1227  |       | 9.0 | 26 54.73                                          | 3.037  | 0.007     | 1 38 4.1             | 7.92    | 0.42      | 6055           |
| 1228  |       |     | 55.08                                             |        |           | 5.5                  |         |           | 5540           |
| 1229  |       | 8.9 | 27 50.09                                          | 3.063  | 0.007     | 0 25 13.6            | 7.85    | 0.42      | 5911           |
| 1230  |       |     | 50.02                                             |        |           | 12.2                 |         |           | 5690           |
| 1231  |       | 8.8 | 27 59.71                                          | 3.045  | 0.007     | 1 16 5.3             | 7.84    | 0.42      | 6056           |
| 1232  |       |     | 59.81                                             |        |           | 8.3                  |         |           | 5541           |
| 1233  |       | 8.9 | 28 9.58                                           | 3.051  | 0.007     | 1 0 27.3             | 7.82    | 0.42      | 2886           |
| 1234  |       |     | 9.52                                              |        |           | 26.7                 |         |           | 2661           |
| 1235  |       | 8.5 | 28 17.49                                          | 3.046  | 0.007     | 1 14 4.5             | 7.81    | 0.42      | 6125           |
| 1236  |       |     | 17.26                                             |        |           | 4.7                  |         |           | 2180           |
| 1237  |       | 8.5 | 28 29.28                                          | 3.060  | 0.007     | 0 34 8.8             | 7.80    | 0.42      | 6321           |
| 1238  |       |     | 29.25                                             |        |           | 11.8                 |         |           | 2801           |
| 1239  |       | 8.8 | 28 34.11                                          | 3.060  | 0.007     | 0 34 53.5            | 7.79    | 0.42      | 6057           |
| 1240  |       |     | 34.16                                             |        |           | 53.5                 |         |           | 2699           |
| 1241  |       | 9.0 | 29 7.77                                           | 3.037  | 0.007     | 1 37 24.0            | 7.75    | 0.42      | 5912           |
| 1242  |       |     | 7.88                                              |        |           | 24.7                 |         |           | 5542           |
| 1243  |       | 9.0 | 30 7.06                                           | 3.060  | 0.007     | 0 34 10.4            | 7.67    | 0.42      | 6126           |
| 1244  |       |     | 7.07                                              |        |           | 11.0                 |         |           | 5691           |
| 1245* |       | 9.0 | 30 11.01                                          | 3.056  | 0.007     | 0 44 22.6            | 7.66    | 0.42      | 6407           |
| 1246  |       |     | 11.01                                             |        |           | 23.6                 |         |           | 6423           |
| 1247  |       | 8.3 | 30 31.68                                          | 3.064  | 0.007     | —0 22 31.4           | 7.63    | 0.42      | 6322           |
| 1248  |       |     | 31.60                                             |        |           | 32.4                 |         |           | 2757           |
| 1249  |       | 8.4 | 30 55.86                                          | 3.073  | 0.007     | +0 2 9.1             | 7.60    | 0.42      | 6058           |
| 1250  |       |     | 55.84                                             |        |           | 7.5                  |         |           | 2662           |
| 1251  |       | 9.0 | 31 12.57                                          | 3.043  | 0.007     | —1 20 36.9           | 7.58    | 0.42      | 5819           |
| 1252  |       |     | 12.42                                             |        |           | 38.1                 |         |           | 5543           |
| 1253  |       | 8.5 | 31 24.32                                          | 3.063  | 0.007     | 0 24 58.2            | 7.56    | 0.42      | 2887           |
| 1254* |       |     | 24.35                                             |        |           | 58.9                 |         |           | 2700           |
| 1255  |       | 8.8 | 31 30.94                                          | 3.058  | 0.007     | 0 38 54.0            | 7.55    | 0.42      | 6127           |
| 1256  |       |     | 31.39                                             |        |           | 56.8                 |         |           | 2802           |
| 1257  |       | 9.0 | 31 32.34                                          | 3.048  | 0.007     | 1 6 46.5             | 7.55    | 0.42      | 5913           |
| 1258  |       |     | 32.16                                             |        |           | 46.9                 |         |           | 5692           |
| 1259  |       | 9.0 | 4 31 43.52                                        | 3.052  | +0.007    | —0 54 32.7           | +7.53   | —0.42     | 6059           |
| 1260  |       |     | 43.63                                             |        |           | 32.7                 |         |           | 6424           |

1225. Sehr schwach. — 1245. Sehr schwach. — 1254. Sehr schwach, kaum zu beobachten.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 1261  |       | 9.0 | 4 <sup>h</sup> 31 <sup>m</sup> 56 <sup>s</sup> .45 | 3.045  | +0.007    | —1° 14' 37" 9        | +7" 52 | —0" 42    | 6323           |
| 1262  |       |     | 56.48                                              |        |           | 42. 1                |        |           | 5693           |
| 1263* |       | 8.8 | 32 16.72                                           | 3.058  | 0.007     | 0 38 53. 0           | 7. 49  | 0. 42     | 5914           |
| 1264  |       |     | 16.64                                              |        |           | 53. 7                |        |           | 5441           |
| 1265  |       | 8.8 | 32 27.05                                           | 3.048  | 0.007     | 1 7 48. 6            | 7. 48  | 0. 42     | 6128           |
| 1266  |       |     | 27.38                                              |        |           | 50. 7                |        |           | 5544           |
| 1267  |       | 8.8 | 32 32.03                                           | 3.070  | 0.007     | 0 4 1. 0             | 7. 47  | 0. 42     | 6060           |
| 1268  |       |     | 32.20                                              |        |           | 1. 2                 |        |           | 6425           |
| 1269  |       | 7.7 | 33 4.75                                            | 3.065  | 0.007     | 0 19 55. 0           | 7. 42  | 0. 42     | 5872           |
| 1270  |       |     | 4.89                                               |        |           | 52. 6                |        |           | 2663           |
| 1271  |       | 7.7 | 33 26.23                                           | 3.044  | 0.007     | 1 18 1. 7            | 7. 40  | 0. 42     | 2888           |
| 1272  |       |     | 26.15                                              |        |           | 0. 7                 |        |           | 2701           |
| 1273  |       | 8.5 | 33 46.55                                           | 3.058  | 0.007     | 0 41 7. 9            | 7. 37  | 0. 42     | 5915           |
| 1274  |       |     | 46.47                                              |        |           | 8. 2                 |        |           | 2803           |
| 1275  |       | 8.5 | 34 20.47                                           | 3.041  | 0.007     | 1 26 39. 7           | 7. 32  | 0. 42     | 6061           |
| 1276  |       |     | 20.68                                              |        |           | 41. 8                |        |           | 5442           |
| 1277  |       | 9.0 | 34 22.73                                           | 3.045  | 0.007     | 1 15 17. 0           | 7. 32  | 0. 42     | 6324           |
| 1278  |       |     | 22.93                                              |        |           | 19. 0                |        |           | 5545           |
| 1279* |       | 9.5 | 34 39.80                                           | 3.058  | 0.007     | 0 38 33. 0           | 7. 30  | 0. 42     | 6325           |
| 1280* |       | 8.5 | 34 45.51                                           | 3.048  | 0.007     | 1 8 7. 2             | 7. 29  | 0. 42     | 6408           |
| 1281  |       |     | 45.40                                              |        |           | 8. 2                 |        |           | 2758           |
| 1282  |       | 8.8 | 34 57.87                                           | 3.059  | 0.007     | 0 38 16. 5           | 7. 27  | 0. 42     | 6377           |
| 1283  |       |     | 57.98                                              |        |           | 17. 0                |        |           | 2804           |
| 1284  |       | 8.5 | 35 12.15                                           | 3.051  | 0.006     | 0 59 21. 6           | 7. 25  | 0. 43     | 6129           |
| 1285  |       |     | 12.31                                              |        |           | 23. 2                |        |           | 2664           |
| 1286  |       | 9.0 | 35 13.23                                           | 3.030  | 0.006     | 1 57 6. 4            | 7. 25  | 0. 42     | 6062           |
| 1287  |       |     | 13.23                                              |        |           | 7. 9                 |        |           | 5546           |
| 1288  |       | 8.5 | 35 49.29                                           | 3.031  | 0.006     | 1 54 22. 6           | 7. 20  | 0. 42     | 2889           |
| 1289  |       |     | 49.38                                              |        |           | 21. 1                |        |           | 2181           |
| 1290  |       | 7.5 | 36 1.65                                            | 3.047  | 0.006     | 1 10 10. 7           | 7. 18  | 0. 43     | 5820           |
| 1291  |       |     | 1.52                                               |        |           | 11. 5                |        |           | 2702           |
| 1292  |       | 8.0 | 36 34.06                                           | 3.054  | 0.006     | 0 49 39. 2           | 7. 14  | 0. 43     | 5916           |
| 1293  |       |     | 33.83                                              |        |           | 39. 1                |        |           | 2665           |
| 1294* |       | 9.0 | 36 49.96                                           | 3.035  | 0.006     | 1 41 21. 3           | 7. 12  | 0. 43     | 6063           |
| 1295  |       |     | 50.03                                              |        |           | 23. 2                |        |           | 5694           |
| 1296  |       | 8.8 | 36 52.73                                           | 3.039  | 0.006     | 1 31 56. 4           | 7. 12  | 0. 43     | 6130           |
| 1297  |       |     | 52.59                                              |        |           | 57. 0                |        |           | 2805           |
| 1298* |       | 9.0 | 37 0.43                                            | 3.044  | 0.006     | 1 17 58. 4           | 7. 10  | 0. 43     | 6409           |
| 1299  |       |     | 0.30                                               |        |           | 60. 1                |        |           | 6426           |
| 1300  |       | 8.5 | 37 9.93                                            | 3.043  | 0.006     | 1 20 55. 2           | 7. 09  | 0. 43     | 5821           |
| 1301  |       |     | 10.02                                              |        |           | 52. 8                |        |           | 6326           |
| 1302* |       |     | 9.86                                               |        |           | 54. 4                |        |           | 5443           |
| 1303* |       | 8.8 | 37 45.92                                           | 3.046  | 0.006     | 1 10 45. 8           | 7. 04  | 0. 43     | 6378           |
| 1304  |       |     | 45.88                                              |        |           | 45. 4                |        |           | 6427           |
| 1305* |       | 9.0 | 4 37 48.34                                         | 3.070  | +0.006    | —0 5 33. 7           | +7. 04 | —0. 43    | 6410           |

1263. Dupl. Pos. circa 180°, d=4", helleren beob. — 1279. B. D., —0°, N. 747, nur an 2 Fäden. — 1280. Sehr schwach. — 1294. Sehr schwach aber an 7 Fäden. — 1298. Sehr schwach. — 1302. Wurde auch 9°89 und 57"0 beobachtet. Beob. Nr. 5695. — 1303. Aeusserst schwach. — 1305. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 1306* |       |     | 4 <sup>h</sup> 37 <sup>m</sup> 48 <sup>s</sup> 27 |        |           | — 0° 5' 31" 9        |        |           | 5547           |
| 1307* |       |     | 48.21                                             |        |           | 32. 3                |        |           | 6520           |
| 1308  |       | 8.3 | 37 57.35                                          | 3.066  | +0.006    | 0 16 24. 4           | +7" 03 | — 0" 43   | 6101           |
| 1309  |       |     | 57.71                                             |        |           | 24. 9                |        |           | 5444           |
| 1310  |       | 8.3 | 38 18.85                                          | 3.035  | 0.006     | 1 40 5. 4            | 7. 00  | 0. 43     | 2890           |
| 1311  |       |     | 19.11                                             |        |           | 3. 2                 |        |           | 2759           |
| 1312  |       | 9.0 | 39 52.91                                          | 3.059  | 0.006     | 0 37 19. 4           | 6. 87  | 0. 43     | 5917           |
| 1313  |       |     | 53.10                                             |        |           | 18. 7                |        |           | 2666           |
| 1314  |       | 8.3 | 41 17.93                                          | 3.066  | 0.006     | 0 18 49. 8           | 6. 75  | 0. 43     | 2891           |
| 1315  |       |     | 17.71                                             |        |           | 47. 0                |        |           | 2182           |
| 1316  |       | 8.3 | 41 53.17                                          | 3.058  | 0.006     | 0 36 52. 8           | 6. 70  | 0. 43     | 5822           |
| 1317  |       |     | 53.10                                             |        |           | 50. 8                |        |           | 2667           |
| 1318  |       |     | 53.04                                             |        |           | 50. 9                |        |           | 2806           |
| 1319  |       | 9.0 | 41 53.91                                          | 3.044  | 0.006     | 1 18 26. 7           | 6. 70  | 0. 43     | 5918           |
| 1320  |       |     | 53.82                                             |        |           | 29. 8                |        |           | 5548           |
| 1321  |       | 8.5 | 42 18.25                                          | 3.038  | 0.006     | 1 34 44. 6           | 6. 67  | 0. 43     | 6064           |
| 1322  |       |     | 18.42                                             |        |           | 43. 2                |        |           | 2703           |
| 1323  |       | 8.5 | 42 37.00                                          | 3.059  | 0.006     | 0 35 52. 9           | 6. 64  | 0. 43     | 6131           |
| 1324  |       |     | 36.91                                             |        |           | 55. 3                |        |           | 5625           |
| 1325  |       | 9.0 | 42 45.48                                          | 3.069  | 0.006     | 0 11 36. 1           | 6. 63  | 0. 43     | 5919           |
| 1326  |       |     | 45.40                                             |        |           | 35. 9                |        |           | 6065           |
| 1327* |       |     | 45.39                                             |        |           | 37. 1                |        |           | 6327           |
| 1328  |       |     | 45.10                                             |        |           | 35. 9                |        |           | 6411           |
| 1329  |       |     | 45.40                                             |        |           | 37. 5                |        |           | 5696           |
| 1330  |       | 9.0 | 42 48.43                                          | 3.054  | 0.006     | 0 49 1. 5            | 6. 63  | 0. 43     | 6328           |
| 1331  |       |     | 48.51                                             |        |           | 0. 0                 |        |           | 6428           |
| 1332  |       | 8.3 | 42 57.31                                          | 3.048  | 0.006     | 1 5 22. 0            | 6. 62  | 0. 43     | 6379           |
| 1333  |       |     | 57.54                                             |        |           | 24. 4                |        |           | 5549           |
| 1334* |       | 8.3 | 43 7.05                                           | 3.068  | 0.006     | 0 12 14. 9           | 6. 60  | 0. 43     | 6521           |
| 1335  |       | 9.0 | 44 15.15                                          | 3.047  | 0.006     | 1 8 38. 7            | 6. 51  | 0. 43     | 5920           |
| 1336  |       |     | 15.27                                             |        |           | 36. 9                |        |           | 2807           |
| 1337  |       | 7.5 | 44 25.59                                          | 3.066  | 0.006     | 0 18 36. 2           | 6. 49  | 0. 43     | 2892           |
| 1338  |       |     | 25.72                                             |        |           | 33. 4                |        |           | 2704           |
| 1339  |       | 8.8 | 44 29.81                                          | 3.053  | 0.006     | 0 52 59. 2           | 6. 49  | 0. 43     | 6066           |
| 1340  |       |     | 29.58                                             |        |           | 61. 1                |        |           | 5550           |
| 1341  | 1557  | 8.5 | 44 35.96                                          | 3.070  | 0.006     | 0 6 37. 5            | 6. 48  | 0. 43     | 6132           |
| 1342  |       |     | 35.38                                             |        |           | 37. 8                |        |           | 6380           |
| 1343  |       |     | 35.70                                             |        |           | 38. 3                |        |           | 5445           |
| 1344  |       | 8.0 | 45 5.97                                           | 3.056  | 0.006     | 0 45 38. 2           | 6. 44  | 0. 43     | 2989           |
| 1345  |       |     | 5.87                                              |        |           | 39. 8                |        |           | 5626           |
| 1346  |       | 8.5 | 45 17.22                                          | 3.066  | 0.006     | 0 18 2. 9            | 6. 42  | 0. 43     | 5823           |
| 1347  |       |     | 17.15                                             |        |           | 5. 3                 |        |           | 5697           |
| 1348  |       | 8.5 | 45 45.07                                          | 3.069  | 0.006     | 0 9 55. 0            | 6. 38  | 0. 43     | 5921           |
| 1349  |       |     | 44.90                                             |        |           | 55. 9                |        |           | 2760           |
| 1350  |       | 8.8 | 4 46 5.85                                         | 3.069  | +0.006    | — 0 10 32. 3         | +6. 35 | — 0. 43   | 6067           |

1306. Sehr schwach, Decl. unsicher. — 1307. Sehr schwach. — 1327. Nur an 2 Fäden. — 1334. Ausserordentlich schwach. Der \* wurde mit N. 1328. an 2 Fäden 6<sup>s</sup>73 und nach einer unsicheren Schätzung als circa — 0° 12' 7" beobachtet; ist nie heller als 9<sup>m</sup>4 gesehen worden.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                           | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|--------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 1351  |       |     | 4 <sup>h</sup> 46 <sup>m</sup> 5 <sup>s</sup> 95 |                    |                     | —0° 10' 33" 1        |         |           | 2808           |
| 1352  |       | 8.3 | 46 8.22                                          | 3 <sup>s</sup> 045 | +0 <sup>s</sup> 006 | 1 14 18.5            | + 6" 35 | —0" 43    | 2893           |
| 1353  |       |     | 8.18                                             |                    |                     | 20.5                 |         |           | 2705           |
| 1354* | 1565  | 8.4 | 46 26.71                                         | 3.070              | 0.006               | 0 5 32.9             | 6.33    | 0.43      | 6133           |
| 1355  |       |     | 26.50                                            |                    |                     | 32.2                 |         |           | 5446           |
| 1356* |       |     | 26.37                                            |                    |                     | 35.1                 |         |           | 6522           |
| 1357  |       | 8.5 | 46 44.30                                         | 3.039              | 0.006               | 1 29 4.2             | 6.30    | 0.43      | 6236           |
| 1358  |       |     | 44.35                                            |                    |                     | 7.1                  |         |           | 5551           |
| 1359  |       | 8.5 | 46 44.47                                         | 3.039              | 0.006               | 1 28 25.0            | 6.30    | 0.43      | 5922           |
| 1360  |       |     | 44.13                                            |                    |                     | 25.2                 |         |           | 5627           |
| 1361  |       | 8.8 | 46 58.20                                         | 3.029              | 0.006               | 1 58 11.5            | 6.28    | 0.42      | 6068           |
| 1362  |       |     | 58.02                                            |                    |                     | 12.2                 |         |           | 5698           |
| 1363* |       | ?   | 47 12.89                                         | 3.029              | 0.006               | 1 58 50.2            | 6.26    | 0.42      | 5824           |
| 1364  |       | 8.8 | 47 47.09                                         | 3.042              | 0.006               | 1 22 4.4             | 6.21    | 0.43      | 2894           |
| 1365  |       |     | 47.31                                            |                    |                     | 3.1                  |         |           | 2809           |
| 1366  |       | 8.3 | 47 52.80                                         | 3.029              | 0.006               | 1 55 55.1            | 6.21    | 0.42      | 2990           |
| 1367* |       |     | 52.87                                            |                    |                     | 54.4                 |         |           | 2183           |
| 1368  |       | 9.0 | 48 3.14                                          | 3.063              | 0.006               | 0 24 6.2             | 6.19    | 0.43      | 5923           |
| 1369  |       |     | 2.90                                             |                    |                     | 7.1                  |         |           | 5552           |
| 1370* |       | 8.0 | 48 41.77                                         | 3.056              | 0.006               | 0 44 56.8            | 6.14    | 0.43      | 6069           |
| 1371* |       |     | 41.54                                            |                    |                     | 59.8                 |         |           | 5447           |
| 1372  |       | 9.0 | 48 43.74                                         | 3.041              | 0.006               | 1 25 6.3             | 6.14    | 0.43      | 6134           |
| 1373  |       |     | 43.59                                            |                    |                     | 12.0                 |         |           | 5699           |
| 1374  |       | 8.7 | 48 51.99                                         | 3.071              | 0.006               | 0 2 39.7             | 6.13    | 0.43      | 6237           |
| 1375  |       |     | 51.97                                            |                    |                     | 41.7                 |         |           | 5628           |
| 1376  |       | 8.8 | 48 53.86                                         | 3.047              | 0.006               | 1 8 37.4             | 6.12    | 0.43      | 6070           |
| 1377  |       |     | 53.95                                            |                    |                     | 38.8                 |         |           | 6429           |
| 1378  |       | 8.4 | 48 57.74                                         | 3.066              | 0.006               | 0 18 8.5             | 6.12    | 0.43      | 5825           |
| 1379* |       |     | 57.63                                            |                    |                     | 8.9                  |         |           | 2706           |
| 1380  |       | 8.5 | 48 59.48                                         | 3.060              | 0.006               | 0 33 18.6            | 6.11    | 0.43      | 6329           |
| 1381  |       |     | 59.15                                            |                    |                     | 22.1                 |         |           | 6523           |
| 1382  |       | 8.8 | 49 7.33                                          | 3.039              | 0.006               | 1 27 38.5            | 6.10    | 0.43      | 6238           |
| 1383  |       |     | 7.39                                             |                    |                     | 40.6                 |         |           | 5700           |
| 1384  |       | 9.0 | 49 16.20                                         | 3.057              | 0.006               | 0 39 29.3            | 6.09    | 0.43      | 6135           |
| 1385  |       |     | 15.80                                            |                    |                     | 31.4                 |         |           | 6430           |
| 1386  |       | 8.8 | 49 41.21                                         | 3.030              | 0.006               | 1 53 3.8             | 6.06    | 0.42      | 2895           |
| 1387  |       |     | 41.24                                            |                    |                     | 4.1                  |         |           | 5629           |
| 1388  | 1582  | 8.8 | 49 41.72                                         | 3.061              | 0.006               | —0 30 31.8           | 6.06    | 0.43      | 5924           |
| 1389  |       |     | 41.51                                            |                    |                     | 32.1                 |         |           | 6524           |
| 1390  |       | 8.3 | 50 40.37                                         | 3.072              | 0.006               | +0 1 27.7            | 5.98    | 0.43      | 2991           |
| 1391  |       |     | 40.35                                            |                    |                     | 28.2                 |         |           | 2810           |
| 1392  |       | 7.3 | 50 56.78                                         | 3.044              | 0.006               | —1 15 46.6           | 5.95    | 0.43      | 5826           |
| 1393  |       |     | 56.66                                            |                    |                     | 49.7                 |         |           | 2707           |
| 1394  |       | 8.8 | 4 51 28.59                                       | 3.034              | +0.006              | —1 42 26.5           | + 5.91  | —0.43     | 5925           |
| 1395* |       |     | 28.31                                            |                    |                     | 29.4                 |         |           | 5701           |

1354. Sehr schwach, Dupl. d = 15", den südl. beob. — 1356. Begleiter nur bei ganz dunklem Felde gesehen. — 1363. Nicht in der B. D. — 1367. Nur an 3 Fäden, Wolken. — 1370. Dupl., Mitte beob. — 1371. Dupl., d = 2"5, Mitte beob. — 1379. Sehr schwach, Decl. unsicher. — 1395. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec.              | Var. sec.            | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|---------------------|----------------------|----------------------|---------|-----------|----------------|
| 1396  |       | 8.8 | 4 <sup>h</sup> 51 <sup>m</sup> 49 <sup>s</sup> .80 | 3 <sup>s</sup> .038 | +0 <sup>s</sup> .006 | —0° 30' 37" 2        | + 5" 88 | —0" 43    | 6071           |
| 1397* |       |     | 49.96                                              |                     |                      | 38. 5                |         |           | 5553           |
| 1398  |       |     | 49.96                                              |                     |                      | 38. 5                |         |           | 6525           |
| 1399  |       | 8.5 | 51 51.54                                           | 3.034               | 0.006                | 0 45 1. 7            | 5. 88   | 0. 43     | 5827           |
| 1400  |       |     | 51.32                                              |                     |                      | 2. 9                 |         |           | 5448           |
| 1401  |       | 8.8 | 52 12.28                                           | 3.071               | 0.006                | 0 3 42. 6            | 5. 85   | 0. 43     | 6136           |
| 1402  |       |     | 12.30                                              |                     |                      | 43. 3                |         |           | 2811           |
| 1403  |       | 8.5 | 52 17.41                                           | 3.052               | 0.006                | 0 53 44. 9           | 5. 84   | 0. 43     | 2896           |
| 1404  |       |     | 17.54                                              |                     |                      | 42. 1                |         |           | 5630           |
| 1405* |       | 9.0 | 52 17.61                                           | 3.036               | 0.006                | 1 36 16. 7           | 5. 84   | 0. 43     | 6330           |
| 1406  |       |     | 17.62                                              |                     |                      | 19. 1                |         |           | 6431           |
| 1407* |       | 8.8 | 52 25.79                                           | 3.046               | 0.006                | 1 9 15. 7            | 5. 83   | 0. 43     | 6137           |
| 1408  |       |     | 26.23                                              |                     |                      | 10. 2                |         |           | 6526           |
| 1409  | 1599  | 8.8 | 52 29.70                                           | 3.063               | 0.006                | 0 24 47. 3           | 5. 82   | 0. 43     | 6072           |
| 1410  |       |     | 29.56                                              |                     |                      | 50. 0                |         |           | 5554           |
| 1411  | 1605  | 8.3 | 53 51.58                                           | 3.064               | 0.006                | 0 22 59. 0           | 5. 71   | 0. 43     | 2897           |
| 1412  |       |     | 51.71                                              |                     |                      | 57. 1                |         |           | 2708           |
| 1413* |       | ?   | 54 10.76                                           | 3.067               | 0.006                | 0 13 58. 6           | 5. 68   | 0. 43     | 5926           |
| 1414  |       | 8.5 | 54 18.16                                           | 3.067               | 0.006                | 0 13 48. 8           | 5. 67   | 0. 43     | 5555           |
| 1415  |       | 9.0 | 54 19.95                                           | 3.053               | 0.006                | 0 52 8. 3            | 5. 67   | 0. 43     | 6073           |
| 1416  |       |     | 20.34                                              |                     |                      | 7. 4                 |         |           | 2812           |
| 1417* |       | 8.9 | 54 26.50                                           | 3.057               | 0.006                | 0 41 14. 6           | 5. 66   | 0. 43     | 6138           |
| 1418  |       |     | 26.23                                              |                     |                      | 17. 9                |         |           | 5631           |
| 1419  |       | 8.7 | 54 42.53                                           | 3.040               | 0.006                | 1 26 20. 7           | 5. 64   | 0. 43     | 6239           |
| 1420* |       |     | 42.63                                              |                     |                      | 22. 1                |         |           | 5556           |
| 1421  |       | 8.8 | 54 47.56                                           | 3.065               | 0.006                | 0 20 42. 1           | 5. 63   | 0. 43     | 6074           |
| 1422  |       |     | 47.77                                              |                     |                      | 44. 6                |         |           | 5449           |
| 1423  | 1613  | 7.8 | 55 3.79                                            | 3.053               | 0.005                | 0 52 54. 3           | 5. 61   | 0. 44     | 5828           |
| 1424  |       |     | 3.51                                               |                     |                      | 53. 4                |         |           | 2184           |
| 1425  |       | 8.8 | 55 55.96                                           | 3.030               | 0.005                | 1 54 9. 3            | 5. 53   | 0. 43     | 2898           |
| 1426  |       |     | 56.02                                              |                     |                      | 7. 8                 |         |           | 2709           |
| 1427  |       | 9.0 | 55 59.81                                           | 3.055               | 0.005                | 0 46 42. 9           | 5. 53   | 0. 44     | 5927           |
| 1428  |       |     | 59.66                                              |                     |                      | 43. 2                |         |           | 2813           |
| 1429  | 1629  | 8.3 | 57 43.68                                           | 3.053               | 0.005                | 0 49 17. 5           | 5. 38   | 0. 44     | 2899           |
| 1430  |       |     | 43.71                                              |                     |                      | 16. 5                |         |           | 2992           |
| 1431  |       |     | 43.67                                              |                     |                      | 16. 6                |         |           | 2710           |
| 1432  |       | 8.3 | 58 32.18                                           | 3.037               | 0.005                | 1 33 29. 8           | 5. 31   | 0. 44     | 5829           |
| 1433  |       |     | 31.95                                              |                     |                      | 31. 2                |         |           | 2185           |
| 1434  |       | 8.8 | 58 40.79                                           | 3.036               | 0.005                | 1 37 25. 5           | 5. 30   | 0. 44     | 5928           |
| 1435  |       |     | 40.76                                              |                     |                      | 23. 9                |         |           | 2814           |
| 1436  |       | 8.3 | 58 41.71                                           | 3.042               | 0.005                | 1 21 17. 1           | 5. 30   | 0. 44     | 6075           |
| 1437  |       |     | 41.93                                              |                     |                      | 19. 0                |         |           | 5450           |
| 1438  |       | 8.5 | 58 43.45                                           | 3.039               | 0.005                | 1 29 9. 0            | 5. 30   | 0. 44     | 6139           |
| 1439  |       |     | 43.86                                              |                     |                      | 10. 4                |         |           | 5451           |
| 1440  | 1639  | 9.0 | 4 59 13.26                                         | 3.045               | +0.005               | —1 13 37. 5          | + 5. 26 | —0. 44    | 6076           |

1397. Fäden stimmen schlecht. — 1405. Aeusserst schwach. — 1407. Ein \* 9<sup>m</sup>5 folgt. — 1413. B. D.  
—0°, Nr. 819, 9<sup>m</sup>3? — 1417. Sehr schwach. — 1420. Nur an 2 Fäden.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 1441* |       |     | 4 <sup>h</sup> 59 <sup>m</sup> 13 <sup>s</sup> 57 |        |           | —1° 13' 39" 5        |        |           | 6432           |
| 1442  |       | 8.9 | 59 33.61                                          | 3.072  | +0.005    | —0 0 0.3             | +5" 23 | —0" 44    | 2900           |
| 1443  |       |     | 33.59                                             |        |           | +0 0 0.7             |        |           | 5632           |
| 1444  |       | 9.0 | 59 34.34                                          | 3.028  | 0.005     | —1 58 46.3           | 5. 23  | 0. 43     | 5929           |
| 1445  |       |     | 33.98                                             |        |           | 46. 7                |        |           | 5557           |
| 1446  |       | 8.0 | 4 59 50.00                                        | 3.040  | 0.005     | 1 24 53. 4           | 5. 21  | 0. 44     | 5830           |
| 1447  |       |     | 49.89                                             |        |           | 53. 4                |        |           | 2711           |
| 1448  |       | 9.0 | 5 0 29.53                                         | 3.036  | 0.005     | 1 34 25. 3           | 5. 15  | 0. 44     | 6077           |
| 1449  |       |     | 29.81                                             |        |           | 24. 0                |        |           | 2815           |
| 1450  | 1644  | 8.6 | 0 41.91                                           | 3.070  | 0.005     | 0 4 46. 8            | 5. 13  | 0. 44     | 5930           |
| 1451  |       |     | 42.05                                             |        |           | 45. 5                |        |           | 5452           |
| 1452  |       | 8.7 | 1 2.91                                            | 3.051  | 0.005     | 0 58 0. 8            | 5. 10  | 0. 44     | 5831           |
| 1453  |       |     | 3.18                                              |        |           | 2. 6                 |        |           | 5453           |
| 1454  |       | 9.0 | 1 12.50                                           | 3.035  | 0.005     | 1 39 23. 2           | 5. 09  | 0. 44     | 6140           |
| 1455  |       |     | 12.47                                             |        |           | 25. 5                |        |           | 6433           |
| 1456  | 1648  | 8.7 | 1 40.84                                           | 3.049  | 0.005     | 1 1 58. 5            | 5. 05  | 0. 44     | 2901           |
| 1457  |       |     | 40.89                                             |        |           | 57. 2                |        |           | 2712           |
| 1458  |       | 9.0 | 1 45.49                                           | 3.054  | 0.005     | 0 46 27. 0           | 5. 04  | 0. 44     | 5931           |
| 1459  |       |     | 45.39                                             |        |           | 26. 5                |        |           | 5558           |
| 1460  |       | 8.7 | 2 11.05                                           | 3.034  | 0.005     | 1 41 55. 1           | 5. 01  | 0. 43     | 6078           |
| 1461  |       |     | 11.29                                             |        |           | 55. 1                |        |           | 2816           |
| 1462* |       | 8.8 | 2 30.94                                           | 3.049  | 0.005     | 1 3 3. 9             | 4. 98  | 0. 44     | 6240           |
| 1463* |       |     | 30.72                                             |        |           | 6. 5                 |        |           | 6434           |
| 1464  |       | 8.5 | 2 35.36                                           | 3.040  | 0.005     | 1 23 57. 1           | 4. 97  | 0. 44     | 6141           |
| 1465  |       |     | 35.58                                             |        |           | 59. 1                |        |           | 5559           |
| 1466  |       | 9.0 | 3 5.15                                            | 3.035  | 0.005     | 1 39 12. 5           | 4. 93  | 0. 43     | 5932           |
| 1467  |       |     | 5.18                                              |        |           | 11. 9                |        |           | 5454           |
| 1468  |       | 6.7 | 3 40.87                                           | 3.056  | 0.005     | 0 43 26. 2           | 4. 88  | 0. 44     | 2902           |
| 1469  |       |     | 41.01                                             |        |           | 25. 6                |        |           | 5633           |
| 1470  |       | 8.5 | 3 45.71                                           | 3.043  | 0.005     | 1 18 19. 4           | 4. 87  | 0. 44     | 5832           |
| 1471  |       |     | 45.35                                             |        |           | 11. 4                |        |           | 2186           |
| 1472* |       | 9.4 | 4 10.89                                           | 3.040  | 0.005     | 1 24 58. 0           | 4. 84  | 0. 44     | 2993           |
| 1473  | 1663  | 9.0 | 4 20.28                                           | 3.070  | 0.005     | 0 5 20. 7            | 4. 83  | 0. 44     | 5933           |
| 1474  |       |     | 20.11                                             |        |           | 18. 6                |        |           | 2817           |
| 1475  | 1665  | 9.0 | 4 32.93                                           | 3.069  | 0.005     | 0 9 3. 6             | 4. 82  | 0. 44     | 6079           |
| 1476  |       |     | 33.02                                             |        |           | 4. 8                 |        |           | 5560           |
| 1477  |       | 8.6 | 4 38.18                                           | 3.029  | 0.005     | 1 55 16. 4           | 4. 80  | 0. 43     | 6080           |
| 1478  |       |     | 38.46                                             |        |           | 16. 4                |        |           | 5455           |
| 1479  |       | 9.0 | 5 18.23                                           | 3.051  | 0.005     | 0 57 39. 9           | 4. 74  | 0. 44     | 2903           |
| 1480  |       |     | 18.26                                             |        |           | 39. 1                |        |           | 5561           |
| 1481  |       | 8.7 | 5 59.73                                           | 3.069  | 0.005     | 0 7 43. 1            | 4. 68  | 0. 44     | 5833           |
| 1482* |       |     | 59.78                                             |        |           | 40. 9                |        |           | 2713           |
| 1483  |       | 8.0 | 6 12.94                                           | 3.070  | 0.005     | 0 4 20. 8            | 4. 66  | 0. 44     | 2994           |
| 1484  |       |     | 12.95                                             |        |           | 18. 7                |        |           | 2818           |
| 1485  | 1675  | 9.0 | 5 6 37.39                                         | 3.067  | +0.005    | —0 14 36. 8          | +4. 63 | —0. 44    | 5934           |

1441. Sehr schwach. — 1462. Aeusserst schwach. — 1463. Sehr schwach. — 1472. Bonner Durchm.  
—1° Nr. 822. — 1482. Geschätzt eben so hell wie der folgende Stern.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|----------|-----------|----------------|
| 1486  |       |     | 5 <sup>h</sup> 6 <sup>m</sup> 37 <sup>s</sup> .26 |        |           | —0° 14' 37'' 4       |          |           | 2605           |
| 1487  |       | 8.8 | 7 28.99                                           | 3.049  | +0.005    | 1 2 4. 7             | + 4'' 56 | —0'' 44   | 5935           |
| 1488  |       |     | 28.76                                             |        |           | 3. 5                 |          |           | 2714           |
| 1489  |       | 7.0 | 8 14.61                                           | 3.056  | 0.005     | 0 42 32. 8           | 4. 49    | 0. 44     | 6142           |
| 1490  |       |     | 14.71                                             |        |           | 34. 7                |          |           | 5456           |
| 1491  |       | 8.5 | 8 57.83                                           | 3.070  | 0.005     | 0 5 3. 5             | 4. 43    | 0. 44     | 5936           |
| 1492  |       |     | 57.58                                             |        |           | 3. 7                 |          |           | 2606           |
| 1493  |       | 6.5 | 8 59.16                                           | 3.037  | 0.005     | 1 33 17. 9           | 4. 43    | 0. 44     | 5834           |
| 1494  |       |     | 58.84                                             |        |           | 18. 5                |          |           | 5562           |
| 1495  |       | 8.9 | 9 26.06                                           | 3.040  | 0.005     | 1 25 14. 5           | 4. 39    | 0. 44     | 6143           |
| 1496  |       |     | 26.15                                             |        |           | 15. 8                |          |           | 2715           |
| 1497  |       | 9.0 | 9 48.76                                           | 3.052  | 0.005     | 0 54 52. 3           | 4. 36    | 0. 44     | 5937           |
| 1498  |       |     | 48.77                                             |        |           | 51. 9                |          |           | 5457           |
| 1499  |       | 8.7 | 10 5.49                                           | 3.032  | 0.005     | 1 47 1. 5            | 4. 33    | 0. 43     | 5835           |
| 1500  |       |     | 5.45                                              |        |           | 1. 6                 |          |           | 5563           |
| 1501  |       | 9.0 | 10 13.30                                          | 3.050  | 0.005     | 0 59 30. 6           | 4. 32    | 0. 44     | 6144           |
| 1502  |       |     | 13.50                                             |        |           | 35. 5                |          |           | 5458           |
| 1503  |       | 8.8 | 10 22.46                                          | 3.049  | 0.005     | 1 1 44. 1            | 4. 31    | 0. 44     | 6241           |
| 1504  |       |     | 22.40                                             |        |           | 45. 3                |          |           | 5564           |
| 1505  |       | 9.0 | 11 4.97                                           | 3.062  | 0.005     | 0 28 51. 4           | 4. 25    | 0. 44     | 5836           |
| 1506  |       |     | 4.65                                              |        |           | 48. 9                |          |           | 2607           |
| 1507  |       | 8.9 | 11 21.01                                          | 3.061  | 0.005     | 0 30 27. 6           | 4. 23    | 0. 44     | 5938           |
| 1508  |       |     | 20.97                                             |        |           | 25. 7                |          |           | 2819           |
| 1509  |       | 9.0 | 11 32.05                                          | 3.063  | 0.005     | 0 25 13. 8           | 4. 21    | 0. 44     | 6145           |
| 1510  |       |     | 31.53                                             |        |           | 13. 8                |          |           | 5634           |
| 1511  | 1709  | 7.5 | 11 37.20                                          | 3.069  | 0.005     | 0 10 27. 0           | 4. 20    | 0. 44     | 2995           |
| 1512  |       |     | 37.29                                             |        |           | 25. 3                |          |           | 2716           |
| 1513  |       | 8.6 | 12 46.59                                          | 3.045  | 0.005     | 1 13 51. 9           | 4. 10    | 0. 44     | 2904           |
| 1514  |       |     | 46.68                                             |        |           | 55. 8                |          |           | 2820           |
| 1515  |       |     | 46.81                                             |        |           | 57. 0                |          |           | 5459           |
| 1516  |       | 6.5 | 13 15.65                                          | 3.037  | 0.005     | 1 32 36. 9           | 4. 06    | 0. 44     | 5837           |
| 1517  |       |     | 15.45                                             |        |           | 35. 6                |          |           | 2569           |
| 1518  |       | 8.4 | 13 18.14                                          | 3.044  | 0.005     | 1 14 23. 9           | 4. 06    | 0. 44     | 5939           |
| 1519  |       |     | 18.13                                             |        |           | 25. 4                |          |           | 5565           |
| 1520  |       | 9.0 | 13 19.88                                          | 3.038  | 0.005     | 1 29 14. 2           | 4. 06    | 0. 44     | 6081           |
| 1521  |       |     | 19.95                                             |        |           | 15. 0                |          |           | 2608           |
| 1522  |       | 8.5 | 13 20.96                                          | 3.035  | 0.005     | 1 38 51. 3           | 4. 06    | 0. 43     | 6146           |
| 1523  |       |     | 20.77                                             |        |           | 52. 4                |          |           | 2717           |
| 1524  |       | 6.4 | 15 9.03                                           | 3.060  | 0.004     | 0 32 32. 6           | 3. 90    | 0. 44     | 2996           |
| 1525* |       |     | 8.94                                              |        |           | 32. 7                |          |           | 2609           |
| 1526  |       | 7.8 | 15 8.86                                           | 3.035  | 0.004     | 1 40 19. 6           | 3. 90    | 0. 43     | 2905           |
| 1527  |       |     | 9.06                                              |        |           | 21. 0                |          |           | 2570           |
| 1528  |       | 4.8 | 15 23.09                                          | 3.061  | 0.004     | 0 30 28. 9           | 3. 88    | 0. 44     | 3280           |
| 1529  |       |     | 22.97                                             |        |           | 27. 8                |          |           | 2821           |
| 1530  |       | 9.0 | 5 16 17.98                                        | 3.046  | +0.004    | —1 9 55. 3           | + 3. 80  | —0. 44    | 5940           |

1525. Bild zuweilen sehr schlecht.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.            | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|----------------------|----------------------|---------|-----------|----------------|
| 1531  |       |     | 5 <sup>h</sup> 16 <sup>m</sup> 17 <sup>s</sup> 84 |                    |                      | — 1° 9' 55" 3        |         |           | 2718           |
| 1532  |       | 8.9 | 16 18.54                                          | 3 <sup>s</sup> 072 | + 0 <sup>s</sup> 004 | + 0 1 3.8            | + 3" 80 | — 0" 44   | 6082           |
| 1533  |       |     | 18.63                                             |                    |                      | 2. 0                 |         |           | 2187           |
| 1534  |       | 8.9 | 17 3.19                                           | 3.037              | 0.004                | — 1 33 40.4          | 3. 74   | 0. 44     | 2906           |
| 1535  |       |     | 3.25                                              |                    |                      | 40. 2                |         |           | 2822           |
| 1536  |       | 8.5 | 17 7.12                                           | 3.047              | 0.004                | 1 7 20. 3            | 3. 73   | 0. 44     | 2997           |
| 1537* |       |     | 7.12                                              |                    |                      | 22. 5                |         |           | 6331           |
| 1538* |       |     | 7.25                                              |                    |                      | —                    |         |           | 2610           |
| 1539  |       |     | 7.15                                              |                    |                      | 22. 9                |         |           | 5566           |
| 1540  |       |     | 7.05                                              |                    |                      | 21. 4                |         |           | 5635           |
| 1541  |       | 6.5 | 17 18.75                                          | 3.066              | 0.004                | 0 16 45. 5           | 3. 71   | 0. 44     | 5873           |
| 1542  |       |     | 18.86                                             |                    |                      | 45. 4                |         |           | 5460           |
| 1543* |       | 7.2 | 17 30.09                                          | 3.050              | 0.004                | 0 59 10. 4           | 3. 70   | 0. 44     | 5941           |
| 1544  |       |     | 29.83                                             |                    |                      | 9. 2                 |         |           | 2719           |
| 1545  | 1761  | 6.0 | 18 7.79                                           | 3.049              | 0.004                | 1 0 47. 5            | 3. 64   | 0. 44     | 5838           |
| 1546  |       |     | 7.59                                              |                    |                      | 48. 9                |         |           | 5461           |
| 1547  |       | 9.0 | 18 23.78                                          | 3.050              | 0.004                | 0 57 7. 8            | 3. 62   | 0. 44     | 2907           |
| 1548* |       |     | 23.75                                             |                    |                      | 7. 7                 |         |           | 5567           |
| 1549  |       | 7.3 | 19 8.68                                           | 3.057              | 0.004                | 0 39 29. 0           | 3. 56   | 0. 44     | 5874           |
| 1550  |       |     | 8.94                                              |                    |                      | 26. 8                |         |           | 2823           |
| 1551  |       | 7.6 | 19 17.10                                          | 3.036              | 0.004                | 1 36 19. 2           | 3. 54   | 0. 43     | 5942           |
| 1552* |       |     | 16.91                                             |                    |                      | 17. 3                |         |           | 6332           |
| 1553* |       |     | 16.71                                             |                    |                      | —                    |         |           | 2611           |
| 1554  |       |     | 16.72                                             |                    |                      | 19. 6                |         |           | 5636           |
| 1555  |       |     | 16.93                                             |                    |                      | 20. 8                |         |           | 5702           |
| 1556  | 1778  | 9.0 | 20 35.70                                          | 3.068              | 0.004                | 0 9 59. 2            | 3. 43   | 0. 44     | 2908           |
| 1557  |       |     | 35.96                                             |                    |                      | 58. 6                |         |           | 2720           |
| 1558  | 1782  | 8.2 | 20 46.38                                          | 3.044              | 0.004                | 1 11 40. 3           | 3. 42   | 0. 44     | 6083           |
| 1559  |       |     | 46.72                                             |                    |                      | 40. 9                |         |           | 5462           |
| 1560  |       | 8.0 | 20 49.25                                          | 3.039              | 0.004                | 1 28 35. 1           | 3. 41   | 0. 44     | 5875           |
| 1561  |       |     | 49.40                                             |                    |                      | 36. 4                |         |           | 5568           |
| 1562  |       | 9.0 | 21 17.80                                          | 3.061              | 0.004                | 0 30 29. 9           | 3. 37   | 0. 44     | 6147           |
| 1563  |       |     | 17.94                                             |                    |                      | 29. 4                |         |           | 2824           |
| 1564  | 1787  | 8.8 | 21 20.01                                          | 3.064              | 0.004                | 0 22 1. 2            | 3. 37   | 0. 44     | 2999           |
| 1565  |       |     | 19.86                                             |                    |                      | 0. 9                 |         |           | 5637           |
| 1566  |       | 8.7 | 21 26.12                                          | 3.028              | 0.004                | 1 55 15. 9           | 3. 36   | 0. 43     | 5943           |
| 1567  |       |     | 26.05                                             |                    |                      | 14. 1                |         |           | 5703           |
| 1568  |       | 8.0 | 21 47.67                                          | 3.031              | 0.004                | 1 46 23. 4           | 3. 33   | 0. 43     | 5839           |
| 1569  |       |     | 47.52                                             |                    |                      | 24. 8                |         |           | 5704           |
| 1570* |       | 8.9 | 21 51.20                                          | 3.029              | 0.004                | 1 52 40. 1           | 3. 32   | 0. 43     | 6084           |
| 1571  |       |     | 51.56                                             |                    |                      | 42. 6                |         |           | 5569           |
| 1572  |       | 7.0 | 22 1.64                                           | 3.070              | 0.004                | 0 5 6. 2             | 3. 31   | 0. 44     | 5876           |
| 1573  |       |     | 1.84                                              |                    |                      | 5. 0                 |         |           | 5463           |
| 1574  | 1793  | 8.9 | 5 22 18.92                                        | 3.059              | + 0.004              | — 0 33 56. 3         | + 3. 28 | — 0. 44   | 2909           |
| 1575  |       |     | 18.91                                             |                    |                      | 57. 9                |         |           | 5638           |

1537. An 8 Fäden. — 1538. Als Fundamentalstern in Decl. gebraucht. — 1543. Sehr eng duplex? —  
 1548. Wurde auch 23<sup>s</sup> 69, 7" 7 beobachtet, Beob. Nr. 2998. — 1552. An 8 Fäden. — 1553. Als Funda-  
 mentalstern in Decl. gebraucht. — 1570. Fäden stimmen schlecht.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 1576  |       | 8.9 | 5 <sup>h</sup> 22 <sup>m</sup> 30 <sup>s</sup> 50 | 3 <sup>s</sup> 056 | +0 <sup>s</sup> 004 | —0° 42' 26" 1        | +3" 27  | —0" 44    | 5944           |
| 1577  |       |     | 30.38                                             |                    |                     | 26. 9                |         |           | 2612           |
| 1578  |       | 9.0 | 22 36.45                                          | 3.029              | 0.004               | 1 51 52. 1           | 3. 26   | 0. 43     | 6085           |
| 1579  |       |     | 36.41                                             |                    |                     | 53. 2                |         |           | 2825           |
| 1580* |       | 9.0 | 23 12.58                                          | 3.042              | 0.004               | 1 17 26. 0           | 3. 21   | 0. 44     | 5945           |
| 1581  |       |     | 12.84                                             |                    |                     | 24. 1                |         |           | 2721           |
| 1582  | 1800  | 8.5 | 23 13.53                                          | 3.069              | 0.004               | 0 7 20. 9            | 3. 20   | 0. 44     | 5877           |
| 1583  |       |     | 13.62                                             |                    |                     | 20. 8                |         |           | 5570           |
| 1584  |       | 8.2 | 23 19.61                                          | 3.051              | 0.004               | 0 54 8. 9            | 3. 20   | 0. 44     | 5840           |
| 1585  |       |     | 19.51                                             |                    |                     | 8. 3                 |         |           | 5464           |
| 1586  | 1802  | 5.5 | 23 23.30                                          | 3.044              | 0.004               | 1 11 33. 7           | 3. 19   | 0. 44     | 3281           |
| 1587  |       |     | 23.13                                             |                    |                     | 35. 2                |         |           | 5639           |
| 1588  |       | 9.0 | 23 29.35                                          | 3.032              | 0.004               | 1 45 31. 1           | 3. 18   | 0. 43     | 6086           |
| 1589  |       |     | 29.71                                             |                    |                     | 32. 3                |         |           | 6435           |
| 1590  |       | 8.0 | 23 45.59                                          | 3.030              | 0.004               | 1 50 58. 1           | 3. 16   | 0. 43     | 3000           |
| 1591  |       |     | 45.45                                             |                    |                     | 63. 6                |         |           | 5705           |
| 1592* |       | 9.0 | 24 7.46                                           | 3.050              | 0.004               | 0 56 46. 3           | 3. 13   | 0. 44     | 2910           |
| 1593  |       |     | 7.62                                              |                    |                     | 49. 2                |         |           | 2613           |
| 1594  |       | 8.8 | 24 22.44                                          | 3.062              | 0.004               | 0 28 19. 4           | 3. 10   | 0. 44     | 5946           |
| 1595  |       |     | 22.40                                             |                    |                     | 18. 4                |         |           | 2826           |
| 1596  |       | 8.6 | 24 24.36                                          | 3.070              | 0.004               | —0 4 10. 7           | 3. 10   | 0. 45     | 6087           |
| 1597  |       |     | 24.58                                             |                    |                     | 9. 1                 |         |           | 5571           |
| 1598  |       | 9.0 | 25 18.72                                          | 3.072              | 0.004               | +0 1 11. 5           | 3. 02   | 0. 45     | 6148           |
| 1599  |       |     | 18.49                                             |                    |                     | 12. 8                |         |           | 5640           |
| 1600  |       | 9.0 | 25 19.40                                          | 3.044              | 0.004               | —1 13 17. 4          | 3. 02   | 0. 45     | 6088           |
| 1601  |       |     | 19.54                                             |                    |                     | 19. 8                |         |           | 5706           |
| 1602  |       | 8.8 | 25 24.50                                          | 3.027              | 0.004               | 1 58 21. 3           | 3. 02   | 0. 44     | 5841           |
| 1603  |       |     | 24.46                                             |                    |                     | 20. 8                |         |           | 5572           |
| 1604  |       | 8.0 | 25 37.25                                          | 3.064              | 0.004               | 0 22 46. 4           | 3. 00   | 0. 45     | 5878           |
| 1605  |       |     | 37.32                                             |                    |                     | 44. 8                |         |           | 2188           |
| 1606* |       | 2.0 | 25 37.29                                          | 3.064              | 0.004               | 0 24 38. 9           | 3. 00   | 0. 45     | 3282           |
| 1607  |       |     | 37.28                                             |                    |                     | 35. 6                |         |           | 6436           |
| 1608  |       | 8.8 | 25 53.53                                          | 3.033              | 0.004               | 1 41 39. 5           | 2. 97   | 0. 45     | 2911           |
| 1609  |       |     | 53.62                                             |                    |                     | 40. 8                |         |           | 2614           |
| 1610  | 1822  | 7.5 | 26 13.65                                          | 3.071              | 0.004               | 0 4 48. 8            | 2. 94   | 0. 45     | 6089           |
| 1611  |       |     | 13.78                                             |                    |                     | 47. 5                |         |           | 5641           |
| 1612  |       | 6.0 | 26 22.29                                          | 3.034              | 0.004               | 1 41 2. 6            | 2. 93   | 0. 44     | 5842           |
| 1613  |       |     | 21.93                                             |                    |                     | 2. 0                 |         |           | 5573           |
| 1614  | 1823  | 8.6 | 26 27.86                                          | 3.054              | 0.004               | 0 48 16. 5           | 2. 92   | 0. 45     | 5947           |
| 1615  |       |     | 27.76                                             |                    |                     | 17. 9                |         |           | 2827           |
| 1616  |       | 8.6 | 26 43.27                                          | 3.041              | 0.004               | 1 19 56. 3           | 2. 90   | 0. 45     | 6149           |
| 1617  |       |     | 43.17                                             |                    |                     | 57. 4                |         |           | 5707           |
| 1618* | 1825  | 7.5 | 26 47.99                                          | 3.031              | 0.004               | 1 48 29. 7           | 2. 89   | 0. 44     | 6242           |
| 1619* |       |     | 48.21                                             |                    |                     | 30. 4                |         |           | 6437           |
| 1620  |       | 8.9 | 5 27 3.07                                         | 3.052              | +0.004              | —0 52 24. 7          | + 2. 87 | —0. 45    | 6333           |

1580. Fäden stimmen schlecht. — 1592. Etwas schwach. — 1606.  $\delta$  Orionis. — 1618. Dupl.  $d = 14''$ , den folgenden beob. — 1619. Dupl.  $d = 14''$ , den folgenden beob.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                           | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|--------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 1621  |       |     | 5 <sup>h</sup> 27 <sup>m</sup> 3 <sup>s</sup> 32 |                    |                     | —0° 52' 27" 1        |         |           | 2722           |
| 1622  |       | 9.0 | 27 4.79                                          | 3 <sup>s</sup> 060 | +0 <sup>s</sup> 004 | 0 31 52.0            | + 2" 87 | —0" 45    | 6381           |
| 1623  |       |     | 4.80                                             |                    |                     | 52.4                 |         |           | 6527           |
| 1624  |       | 7.4 | 27 10.97                                         | 3.043              | 0.004               | 1 14 45.7            | 2.86    | 0.45      | 5948           |
| 1625  |       |     | 10.84                                            |                    |                     | 43.5                 |         |           | 5642           |
| 1626  |       | 8.8 | 27 21.77                                         | 3.069              | 0.004               | 0 7 5.5              | 2.85    | 0.45      | 5843           |
| 1627  |       |     | 21.71                                            |                    |                     | 5.3                  |         |           | 6580           |
| 1628  |       | 8.8 | 27 28.03                                         | 3.068              | 0.004               | 0 9 54.0             | 2.84    | 0.45      | 6243           |
| 1629  |       |     | 28.15                                            |                    |                     | 55.8                 |         |           | 5465           |
| 1630* |       | 9.2 | 27 30.03                                         | 3.031              | 0.004               | 1 48 33.5            | 2.84    | 0.44      | 3001           |
| 1631  |       |     | 29.67                                            |                    |                     | 34.7                 |         |           | 6412           |
| 1632  |       | 8.8 | 27 39.76                                         | 3.059              | 0.004               | 0 33 51.9            | 2.82    | 0.45      | 6150           |
| 1633  |       |     | 39.73                                            |                    |                     | 53.1                 |         |           | 2615           |
| 1634  |       | 8.8 | 27 41.92                                         | 3.030              | 0.004               | 1 49 35.0            | 2.82    | 0.44      | 5574           |
| 1635  |       |     | 41.50                                            |                    |                     | 33.1                 |         |           | 6528           |
| 1636* |       | 7.7 | 27 43.09                                         | 3.046              | 0.004               | 1 7 25.6             | 2.82    | 0.45      | 5879           |
| 1637  |       |     | 42.52                                            |                    |                     | 26.9                 |         |           | 5708           |
| 1638  |       | 7.2 | 27 44.22                                         | 3.037              | 0.004               | 1 33 25.3            | 2.81    | 0.44      | 6382           |
| 1639  |       |     | 44.40                                            |                    |                     | 27.2                 |         |           | 6438           |
| 1640  |       | 8.2 | 27 51.32                                         | 3.026              | 0.004               | 1 59 23.8            | 2.80    | 0.44      | 6334           |
| 1641  |       |     | 51.33                                            |                    |                     | 24.0                 |         |           | 6601           |
| 1642  |       | 9.0 | 28 3.02                                          | 3.053              | 0.004               | 0 51 0.8             | 2.79    | 0.45      | 6090           |
| 1643  |       |     | 3.08                                             |                    |                     | 2.9                  |         |           | 6581           |
| 1644  |       | 7.7 | 28 5.42                                          | 3.070              | 0.004               | 0 5 57.0             | 2.78    | 0.45      | 6413           |
| 1645  |       |     | 5.36                                             |                    |                     | 55.6                 |         |           | 5643           |
| 1646  | 1832  | 8.9 | 28 10.75                                         | 3.062              | 0.004               | 0 28 23.7            | 2.78    | 0.45      | 2912           |
| 1647  |       |     | 10.86                                            |                    |                     | 23.8                 |         |           | 6602           |
| 1648* |       | 9.1 | 28 15.46                                         | 3.030              | 0.004               | 1 49 47.6            | 2.77    | 0.44      | 2828           |
| 1649  |       | 8.3 | 28 26.98                                         | 3.048              | 0.004               | 1 2 25.9             | 2.75    | 0.45      | 6151           |
| 1650  |       |     | 26.96                                            |                    |                     | 27.4                 |         |           | 6529           |
| 1651  |       | 8.2 | 28 32.80                                         | 3.067              | 0.004               | 0 12 30.6            | 2.74    | 0.45      | 6244           |
| 1652* |       |     | 32.80                                            |                    |                     | 32.4                 |         |           | 5709           |
| 1653  |       | 9.0 | 28 38.52                                         | 3.051              | 0.004               | 0 54 5.3             | 2.73    | 0.45      | 6383           |
| 1654  |       |     | 38.61                                            |                    |                     | 4.6                  |         |           | 5575           |
| 1655  |       | 8.6 | 28 46.02                                         | 3.064              | 0.004               | 0 21 17.8            | 2.72    | 0.45      | 6335           |
| 1656  |       |     | 46.11                                            |                    |                     | 18.6                 |         |           | 6439           |
| 1657  | 1836  | 8.3 | 28 51.21                                         | 3.053              | 0.004               | 0 49 13.9            | 2.72    | 0.45      | 5949           |
| 1658  |       |     | 50.93                                            |                    |                     | 13.5                 |         |           | 6582           |
| 1659* |       | 9.3 | 29 0.21                                          | 3.046              | 0.004               | —1 7 4.5             | 2.70    | 0.45      | 6245           |
| 1660  |       | 8.9 | 29 10.30                                         | 3.072              | 0.004               | +0 0 53.5            | 2.69    | 0.45      | 6091           |
| 1661  |       |     | 10.63                                            |                    |                     | 54.8                 |         |           | 6603           |
| 1662  |       | 8.9 | 29 13.97                                         | 3.028              | 0.004               | —1 55 48.1           | 2.68    | 0.44      | 6152           |
| 1663  |       |     | 14.18                                            |                    |                     | 48.0                 |         |           | 6530           |
| 1664* |       | 8.7 | 5 29 26.69                                       | 3.047              | +0.004              | —1 4 10.9            | + 2.66  | —0.45     | 6384           |
| 1665* |       |     | 26.70                                            |                    |                     | 13.5                 |         |           | 2616           |

1630. Bonner Durchm. —1° N. 946. — 1636. Nur an 3 Fäden. — 1648. Bonner Durchm. —1° N. 952. — 1652. Secunde in A. R. etwas unsicher. — 1659. Bonner Durchm. —1° N. 957, Fäden stimmen schlecht. — 664. Dupl. d=10". — 1665. Dupl. d=3"5, vorangehenden beob. wurde auch beobachtet 26<sup>s</sup>63 u. 13"7 Beob. Nr. 5710. Struve giebt die Grössen als 8<sup>m</sup>0 und 8<sup>m</sup>7 an.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|--------|-----------|----------------|
| 1666* |       | 9.0 | 5 <sup>h</sup> 29 <sup>m</sup> 27 <sup>s</sup> 59 | 3 <sup>s</sup> 047 | +0 <sup>s</sup> 004 | —1° 4' 19" 7         | +2" 66 | —0" 45    | 6336           |
| 1667* |       |     | 27.78                                             |                    |                     | 22. 6                |        |           | 6440           |
| 1668  |       | 8.8 | 29 40.11                                          | 3.030              | 0.004               | 1 50 44. 2           | 2. 65  | 0. 44     | 5950           |
| 1669* |       |     | 40.01                                             |                    |                     | 44. 7                |        |           | 5576           |
| 1670  |       | 8.5 | 29 42.01                                          | 3.052              | 0.004               | 0 51 44. 7           | 2. 64  | 0. 45     | 5844           |
| 1671  |       |     | 41.66                                             |                    |                     | 45. 4                |        |           | 6583           |
| 1672* |       | 2.0 | 29 52.24                                          | 3.042              | 0.004               | 1 17 0. 1            | 2. 63  | 0. 45     | 3283           |
| 1673  |       |     | 52.26                                             |                    |                     | 0. 6                 |        |           | 5644           |
| 1674  |       | 8.6 | 29 58.54                                          | 3.033              | 0.004               | 1 43 0. 0            | 2. 62  | 0. 44     | 2913           |
| 1675  |       | 9.0 | 30 15.94                                          | 3.046              | 0.004               | 1 6 31. 0            | 2. 59  | 0. 45     | 6092           |
| 1676* |       |     | 16.47                                             |                    |                     | 31. 6                |        |           | 6441           |
| 1677  | 1852  | 8.8 | 30 35.32                                          | 3.054              | 0.004               | 0 46 53. 2           | 2. 57  | 0. 45     | 6153           |
| 1678  |       |     | 35.53                                             |                    |                     | 52. 3                |        |           | 5577           |
| 1679* |       | 9.3 | 30 43.09                                          | 3.033              | 0.004               | 1 42 48. 5           | 2. 56  | 0. 44     | 6604           |
| 1680  |       | 8.9 | 30 48.60                                          | 3.066              | 0.004               | 0 16 30. 7           | 2. 55  | 0. 45     | 6246           |
| 1681  |       |     | 48.69                                             |                    |                     | 30. 2                |        |           | 6531           |
| 1682* | 1853  | 9.0 | 30 49.19                                          | 3.060              | 0.004               | 0 32 15. 7           | 2. 55  | 0. 45     | 6337           |
| 1683  |       |     | 49.05                                             |                    |                     | 16. 9                |        |           | 5645           |
| 1684  |       | 8.5 | 30 55.50                                          | 3.032              | 0.004               | 1 44 47. 4           | 2. 54  | 0. 44     | 5951           |
| 1685  |       |     | 55.24                                             |                    |                     | 46. 5                |        |           | 5578           |
| 1686  |       | 8.9 | 31 7.23                                           | 3.065              | 0.004               | 0 19 5. 2            | 2. 52  | 0. 45     | 5845           |
| 1687  |       |     | 6.90                                              |                    |                     | 5. 8                 |        |           | 2617           |
| 1688  | 1856  | 9.0 | 31 24.02                                          | 3.053              | 0.004               | 0 51 20. 1           | 2. 49  | 0. 45     | 6093           |
| 1689  |       |     | 24.31                                             |                    |                     | 19. 7                |        |           | 5466           |
| 1690  |       | 8.8 | 31 29.61                                          | 3.034              | 0.004               | 1 39 46. 7           | 2. 49  | 0. 44     | 6154           |
| 1691  |       |     | 29.66                                             |                    |                     | 46. 4                |        |           | 6442           |
| 1692  |       |     | 29.68                                             |                    |                     | 47. 4                |        |           | 6584           |
| 1693  |       | 8.2 | 31 42.74                                          | 3.067              | 0.004               | 0 15 39. 4           | 2. 47  | 0. 45     | 6247           |
| 1694  |       |     | 42.88                                             |                    |                     | 40. 2                |        |           | 5711           |
| 1695  | 1858  | 8.8 | 31 49.26                                          | 3.030              | 0.004               | 1 49 39. 7           | 2. 46  | 0. 44     | 6338           |
| 1696  |       |     | 49.31                                             |                    |                     | 40. 7                |        |           | 2723           |
| 1697* |       | 9.5 | 31 50.07                                          | 3.046              | 0.004               | 1 8 15. 1            | 2. 46  | 0. 45     | 6605           |
| 1698  |       | 8.1 | 31 52.92                                          | 3.043              | 0.004               | 1 14 40. 4           | 2. 45  | 0. 45     | 6385           |
| 1699  |       |     | 52.90                                             |                    |                     | 44. 0                |        |           | 6585           |
| 1700  |       | 9.0 | 32 7.71                                           | 3.067              | 0.004               | 0 13 21. 1           | 2. 43  | 0. 45     | 2914           |
| 1701  |       |     | 7.66                                              |                    |                     | 20. 9                |        |           | 6532           |
| 1702  |       | 8.6 | 32 11.70                                          | 3.046              | 0.004               | 1 8 1. 0             | 2. 43  | 0. 45     | 6094           |
| 1703  |       |     | 12.21                                             |                    |                     | 0. 3                 |        |           | 5579           |
| 1704  |       | 8.4 | 32 34.54                                          | 3.043              | 0.004               | 1 14 34. 4           | 2. 39  | 0. 45     | 5846           |
| 1705  |       |     | 34.38                                             |                    |                     | 37. 2                |        |           | 5952           |
| 1706  |       |     | 34.43                                             |                    |                     | 36. 9                |        |           | 6155           |
| 1707* |       |     | 34.31                                             |                    |                     | 35. 3                |        |           | 5646           |
| 1708  |       | 9.0 | 32 44.55                                          | 3.042              | 0.004               | 1 18 14. 4           | 2. 38  | 0. 45     | 3002           |
| 1709  |       |     | 44.31                                             |                    |                     | 18. 5                |        |           | 5712           |
| 1710  |       | 8.7 | 5 33 38.16                                        | 3.026              | +0.004              | —1 59 51. 2          | +2. 30 | —0. 44    | 5847           |

1666. Dupl. d = 10"0 den folgend. beob. — 1667. Dupl. d = 10"0 den folg. beob. — 1669. Fäden stimmen schlecht. — 1672. ε Orionis. — 1676. Nur an 2 Fäden. — 1679. Bonner Durchm. — 1° N. 978. — 1682. Geschätzt 8<sup>m</sup>5. — 1697. Bonner Durchm. — 1° N. 986. — 1707. Wurde auch 34<sup>s</sup>45 u. 34"2 beob. an 2 Fäd., B.-N. 6339.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec.              | Var. sec.            | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|---------------------|----------------------|----------------------|---------|-----------|----------------|
| 1711  | 1871  | 8.4 | 5 <sup>h</sup> 33 <sup>m</sup> 37 <sup>s</sup> .96 | 3 <sup>s</sup> .038 | +0 <sup>s</sup> .004 | —1° 59' 52'' 7       | +2'' 29 | —0'' 45   | 2618           |
| 1712  |       |     | 33 44.13                                           |                     |                      | 1 29 44.5            |         |           | 5880           |
| 1713  |       | 8.5 | 44.15                                              | 3.054               | 0.004                | 44.5                 | 2. 29   | 0. 45     | 5580           |
| 1714  |       |     | 33 45.12                                           |                     |                      | 0 46 31.7            |         |           | 5953           |
| 1715  |       |     | 45.14                                              |                     |                      | 31.0                 |         |           | 2829           |
| 1716  |       | 8.8 | 33 47.17                                           | 3.032               | 0.004                | 1 43 52.0            | 2. 29   | 0. 44     | 6095           |
| 1717  |       | 8.6 | 46.97                                              | 3.037               | 0.004                | 51.7                 | 2. 28   | 0. 45     | 5647           |
| 1718  |       |     | 33 53.66                                           |                     |                      | 1 31 55.9            |         |           | 6156           |
| 1719  |       |     | 53.80                                              |                     |                      | 56.7                 |         |           | 5467           |
| 1720  |       | 6.2 | 34 30.01                                           | 3.044               | 0.004                | 1 11 48.2            | 2. 23   | 0. 45     | 3284           |
| 1721  |       | 8.4 | 30.24                                              | 3.036               | 0.004                | 48.7                 | 2. 22   | 0. 44     | 5468           |
| 1722  |       |     | 34 36.66                                           |                     |                      | 1 34 28.7            |         |           | 2915           |
| 1723  |       |     | 36.80                                              |                     |                      | 27.8                 |         |           | 2724           |
| 1724  |       | 8.9 | 34 59.93                                           | 3.040               | 0.004                | 1 23 33.2            | 2. 18   | 0. 45     | 3003           |
| 1725  |       |     | 59.84                                              |                     |                      | 35.6                 |         |           | 2619           |
| 1726  | 1892  | 8.1 | 36 8.94                                            | 3.070               | 0.003                | 0 4 43.2             | 2. 08   | 0. 45     | 2916           |
| 1727  |       | 8.9 | 8.93                                               | 3.071               | 0.003                | 43.0                 | 2. 05   | 0. 45     | 5469           |
| 1728* |       |     | 36 29.60                                           |                     |                      | 0 1 43.7             |         |           | 5848           |
| 1729  |       |     | 29.36                                              |                     |                      | 46.1                 |         |           | 2830           |
| 1730  |       | 9.0 | 36 31.09                                           | 3.071               | 0.003                | 0 2 10.1             | 2. 05   | 0. 45     | 5954           |
| 1731  | 1900  | 7.8 | 31.36                                              | 3.034               | 0.003                | 8.8                  | 2. 02   | 0. 44     | 2725           |
| 1732  |       |     | 36 49.86                                           |                     |                      | 1 40 21.6            |         |           | 3004           |
| 1733  |       |     | 49.91                                              |                     |                      | 24.3                 |         |           | 2620           |
| 1734  |       | 8.9 | 37 22.85                                           | 3.049               | 0.003                | 0 59 52.2            | 1. 98   | 0. 45     | 5955           |
| 1735  |       |     | 22.58                                              |                     |                      | 53.1                 |         |           | 5470           |
| 1736  | 1912  | 8.7 | 38 29.33                                           | 3.056               | 0.003                | 0 43 41.2            | 1. 88   | 0. 45     | 2917           |
| 1737  |       | 8.6 | 29.52                                              | 3.034               | 0.003                | 40.9                 | 1. 82   | 0. 44     | 2726           |
| 1738  |       |     | 39 8.28                                            |                     |                      | 1 40 0.6             |         |           | 3005           |
| 1739  |       |     | 8.13                                               |                     |                      | 2.3                  |         |           | 2621           |
| 1740  |       | 8.9 | 40 4.22                                            | 3.053               | 0.003                | 0 48 49.0            | 1. 74   | 0. 45     | 6157           |
| 1741  | 1929  | 9.2 | 4.32                                               | 3.032               | 0.003                | 48.7                 | 1. 70   | 0. 44     | 2727           |
| 1742* |       |     | 40 34.49                                           |                     |                      | 1 43 51.9            |         |           | 2918           |
| 1743  |       |     | 40 45.18                                           |                     |                      | 1 25 13.9            |         |           | 3006           |
| 1744  |       | 8.6 | 45.36                                              | 3.054               | 0.003                | 14.7                 | 1. 59   | 0. 45     | 2831           |
| 1745  |       |     | 41 48.43                                           |                     |                      | 0 47 40.2            |         |           | 5849           |
| 1746  | 1932  | 9.0 | 48.64                                              | 3.056               | 0.003                | 41.2                 | 1. 58   | 0. 45     | 5471           |
| 1747  |       |     | 41 55.00                                           |                     |                      | 0 42 53.5            |         |           | 5956           |
| 1748  |       |     | 54.70                                              |                     |                      | 54.6                 |         |           | 2622           |
| 1749  |       | 8.0 | 42 3.81                                            | 3.054               | 0.003                | 0 48 16.5            | 1. 57   | 0. 45     | 3285           |
| 1750  |       |     | 3.80                                               |                     |                      | 16.4                 |         |           | 2728           |
| 1751  |       | 7.8 | 42 22.04                                           | 3.030               | 0.003                | 1 49 45.6            | 1. 54   | 0. 44     | 3007           |
| 1752  |       |     | 22.05                                              |                     |                      | 47.7                 |         |           | 5581           |
| 1753  |       | 7.8 | 42 25.80                                           | 3.036               | 0.003                | 1 32 47.1            | 1. 54   | 0. 44     | 6096           |
| 1754  |       |     | 25.60                                              |                     |                      | 47.0                 |         |           | 5648           |
| 1755  |       | 8.5 | 5 42 32.78                                         | 3.056               | +0.003               | —0 42 35.7           | + 1. 52 | —0. 45    | 2919           |

1728. Bild etwas undeutlich. — 1742. Bonner Durchm. — 1° N. 1082, sehr schwach, Decl. unsicher.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec.             | Var. sec.           | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------------------|---------------------|----------------------|--------|-----------|----------------|
| 1756  |       |     | 5 <sup>h</sup> 42 <sup>m</sup> 33 <sup>s</sup> .07 |                    |                     | —0° 42' 37" 1        |        |           | 6443           |
| 1757  |       | 9.0 | 42 45.27                                           | 3 <sup>s</sup> 027 | +0 <sup>s</sup> 003 | 1 56 31. 1           | +1"51  | —0"44     | 5957           |
| 1758  |       |     | 45.01                                              |                    |                     | 29. 3                |        |           | 2832           |
| 1759  | 1936  | 8.5 | 42 46.21                                           | 3.031              | 0.003               | 1 48 3. 8            | 1. 51  | 0. 44     | 6158           |
| 1760  |       |     | 46.40                                              |                    |                     | 4. 4                 |        |           | 5472           |
| 1761* |       | 9.2 | 42 50.03                                           | 3.038              | 0.003               | 1 28 4. 9            | 1. 50  | 0. 45     | 5649           |
| 1762  |       | 8.0 | 43 10.86                                           | 3.056              | 0.003               | 0 43 25. 7           | 1. 47  | 0. 45     | 6097           |
| 1763  |       |     | 10.53                                              |                    |                     | 22. 5                |        |           | 2668           |
| 1764  |       | 7.8 | 43 20.00                                           | 3.040              | 0.003               | 1 23 30. 4           | 1. 46  | 0. 45     | 3286           |
| 1765  |       |     | 19.74                                              |                    |                     | 33. 3                |        |           | 5582           |
| 1766  |       | 8.2 | 44 17.92                                           | 3.038              | 0.003               | 1 27 58. 5           | 1. 37  | 0. 45     | 5850           |
| 1767* |       |     | 17.73                                              |                    |                     | 59. 9                |        |           | 2623           |
| 1768* |       | 9.0 | 44 19.46                                           | 3.038              | 0.003               | 1 28 3. 4            | 1. 37  | 0. 45     | 3008           |
| 1769  |       |     | 17.64                                              |                    |                     | 2. 4                 |        |           | 5583           |
| 1770  |       | 8.9 | 44 27.67                                           | 3.042              | 0.003               | 1 18 21. 3           | 1. 36  | 0. 45     | 2920           |
| 1771  |       |     | 27.55                                              |                    |                     | 22. 0                |        |           | 2833           |
| 1772  |       | 8.9 | 45 43.66                                           | 3.047              | 0.003               | 1 3 45. 6            | 1. 25  | 0. 45     | 5958           |
| 1773  |       |     | 43.65                                              |                    |                     | 47. 9                |        |           | 2669           |
| 1774  |       | 8.9 | 46 1.20                                            | 3.050              | 0.003               | 0 57 0. 6            | 1. 22  | 0. 45     | 2921           |
| 1775  |       |     | 1.22                                               |                    |                     | 2. 4                 |        |           | 2624           |
| 1776  | 1964  | 8.5 | 48 1.75                                            | 3.047              | 0.003               | 1 6 11. 4            | 1. 05  | 0. 45     | 3009           |
| 1777  |       |     | 1.46                                               |                    |                     | 16. 4                |        |           | 2625           |
| 1778  |       | 8.1 | 48 40.06                                           | 3.060              | 0.003               | 0 31 50. 4           | 0. 99  | 0. 45     | 6098           |
| 1779* |       |     | 40.46                                              |                    |                     | 52. 1                |        |           | 5473           |
| 1780  |       | 8.5 | 48 42.51                                           | 3.050              | 0.003               | 0 57 43. 1           | 0. 99  | 0. 45     | 6386           |
| 1781  |       |     | 42.70                                              |                    |                     | 44. 5                |        |           | 5650           |
| 1782  |       | 8.2 | 48 48.63                                           | 3.027              | 0.003               | 1 57 3. 2            | 0. 98  | 0. 44     | 6099           |
| 1783* |       |     | 49.39                                              |                    |                     | 4. 1                 |        |           | 5474           |
| 1784  |       | 8.6 | 49 28.83                                           | 3.051              | 0.003               | 0 54 10. 9           | 0. 92  | 0. 45     | 6248           |
| 1785  |       |     | 28.98                                              |                    |                     | 11. 4                |        |           | 5651           |
| 1786  |       | 9.0 | 50 7.75                                            | 3.030              | 0.003               | 1 50 41. 7           | 0. 86  | 0. 44     | 6100           |
| 1787  |       |     | 7.80                                               |                    |                     | 41. 7                |        |           | 2626           |
| 1788  |       | 8.4 | 50 31.12                                           | 3.045              | 0.003               | 1 11 2. 3            | 0. 83  | 0. 45     | 5959           |
| 1789  |       |     | 30.87                                              |                    |                     | 1. 4                 |        |           | 2730           |
| 1790  |       | 6.9 | 51 50.41                                           | 3.049              | 0.003               | 1 0 29. 9            | 0. 71  | 0. 45     | 2922           |
| 1791  |       |     | 50.68                                              |                    |                     | 30. 5                |        |           | 2834           |
| 1792  |       | 8.7 | 52 34.25                                           | 3.041              | 0.003               | 1 20 15. 1           | 0. 65  | 0. 45     | 3010           |
| 1793  |       |     | 34.17                                              |                    |                     | 18. 0                |        |           | 2627           |
| 1794  |       | 8.4 | 52 35.81                                           | 3.046              | 0.003               | 1 7 26. 4            | 0. 65  | 0. 45     | 3203           |
| 1795  |       |     | 35.84                                              |                    |                     | 26. 7                |        |           | 2731           |
| 1796  | 1999  | 7.4 | 53 17.93                                           | 3.038              | 0.003               | 1 27 17. 5           | 0. 58  | 0. 45     | 2923           |
| 1797  |       |     | 18.11                                              |                    |                     | 17. 2                |        |           | 5475           |
| 1798  |       | 8.0 | 53 45.03                                           | 3.061              | 0.003               | 0 30 43. 2           | 0. 55  | 0. 45     | 3204           |
| 1799  |       |     | 45.46                                              |                    |                     | 41. 1                |        |           | 2835           |
| 1800  |       | 8.6 | 5 54 2.84                                          | 3.056              | +0.003              | —0 41 31. 2          | +0. 52 | —0. 45    | 3011           |

1761. Bonner Durchm. — 1° N. 1034. — 1767. Dupl. vorangeh. beob.; den vorangeh. wurde auch beob. 17<sup>s</sup>71 u. 59"2, Beob.-N. 2729. — 1768. Dupl. d = 12", vorangeh. beob., Begleiter sehr schwach; scheint um 2<sup>s</sup> in AR fehlerhaft zu sein. Bessel hat Praecedens 18<sup>s</sup>67, Lamont dagegen 17<sup>s</sup>79. — 1769. Dupl. d = 11"0, Begleiter sehr schwach. — 1779. Wurde auch beob. 40<sup>s</sup>19 u. 49"3, Beob. N. 6340. — 1783. AR unsicher, Fäden stimmen schl.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.               | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|--------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 1801  |       |     | 5 <sup>h</sup> 54 <sup>m</sup> 28.71 |        |           | — 0° 41' 32.4        |        |           | 2628           |
| 1802  |       | 8.5 | 55 25.52                             | 3.033  | + 0.002   | 1 40 59.5            | + 0.40 | — 0.44    | 3205           |
| 1803  |       |     | 25.81                                |        |           | 58.7                 |        |           | 5476           |
| 1804  |       | 8.9 | 55 52.72                             | 3.070  | 0.002     | 0 5 6.0              | 0.36   | 0.45      | 2924           |
| 1805  |       |     | 52.73                                |        |           | 6.5                  |        |           | 2732           |
| 1806  |       | 9.0 | 56 26.40                             | 3.050  | 0.002     | 0 56 22.4            | 0.31   | 0.45      | 3012           |
| 1807  |       |     | 26.46                                |        |           | 25.2                 |        |           | 2761           |
| 1808  |       | 8.0 | 56 52.39                             | 3.059  | 0.002     | 0 36 8.2             | 0.27   | 0.45      | 3206           |
| 1809  |       |     | 52.46                                |        |           | 5.1                  |        |           | 2836           |
| 1810  |       | 8.7 | 57 39.33                             | 3.067  | 0.002     | 0 13 19.8            | 0.21   | 0.45      | 2925           |
| 1811  |       |     | 39.35                                |        |           | 19.5                 |        |           | 2733           |
| 1812  |       | 7.4 | 58 23.55                             | 3.035  | 0.002     | 1 34 29.9            | 0.14   | 0.44      | 3287           |
| 1813  |       |     | 23.63                                |        |           | 30.8                 |        |           | 2762           |
| 1814  |       | 8.5 | 58 36.31                             | 3.046  | 0.002     | 1 7 32.7             | 0.12   | 0.45      | 3013           |
| 1815  |       |     | 36.27                                |        |           | 35.2                 |        |           | 5960           |
| 1816* |       |     | 36.29                                |        |           |                      |        |           | 2629           |
| 1817  |       |     | 36.33                                |        |           | 36.9                 |        |           | 5477           |
| 1818  |       |     | 36.26                                |        |           | 36.0                 |        |           | 5584           |
| 1819  |       | 8.5 | 59 11.41                             | 3.060  | 0.002     | 0 31 60.4            | 0.07   | 0.45      | 3207           |
| 1820  |       |     | 11.40                                |        |           | 58.0                 |        |           | 2837           |
| 1821  |       | 9.0 | 5 59 13.05                           | 3.043  | 0.002     | 1 14 44.4            | + 0.07 | 0.45      | 2926           |
| 1822  |       |     | 13.30                                |        |           | 45.5                 |        |           | 2763           |
| 1823  |       | 8.0 | 6 0 3.31                             | 3.050  | 0.002     | 0 57 12.5            | 0.00   | 0.45      | 3288           |
| 1824  |       |     | 3.24                                 |        |           | 12.8                 |        |           | 2734           |
| 1825  |       | 9.0 | 0 10.28                              | 3.049  | 0.002     | 1 0 38.4             | — 0.01 | 0.45      | 3208           |
| 1826  |       |     | 10.29                                |        |           | 36.2                 |        |           | 2838           |
| 1827  |       | 8.8 | 0 33.19                              | 3.068  | 0.002     | 0 12 16.6            | 0.05   | 0.45      | 3014           |
| 1828  |       |     | 32.93                                |        |           | 18.3                 |        |           | 2630           |
| 1829  |       | 8.9 | 0 57.29                              | 3.052  | 0.002     | 0 53 36.3            | 0.08   | 0.45      | 5961           |
| 1830  |       |     | 57.18                                |        |           | 37.8                 |        |           | 2764           |
| 1831  |       | 8.6 | 1 1.87                               | 3.027  | 0.002     | 1 56 19.7            | 0.09   | 0.44      | 6159           |
| 1832  |       |     | 1.95                                 |        |           | 17.8                 |        |           | 5478           |
| 1833  |       | 8.8 | 1 12.03                              | 3.044  | 0.002     | 1 13 12.6            | 0.11   | 0.45      | 6249           |
| 1834  |       |     | 12.09                                |        |           | 13.6                 |        |           | 5585           |
| 1835* |       | 9.0 | 1 13.11                              | 3.049  | 0.002     | 0 59 28.9            | 0.11   | 0.45      | 6341           |
| 1836* |       |     | 13.35                                |        |           | 30.9                 |        |           | 6444           |
| 1837  |       | 8.4 | 1 53.50                              | 3.039  | 0.002     | 1 23 55.3            | 0.17   | 0.45      | 6250           |
| 1838  |       |     | 53.93                                |        |           | 56.6                 |        |           | 5479           |
| 1839  |       | 8.7 | 1 59.68                              | 3.028  | 0.002     | 1 55 13.2            | 0.17   | 0.44      | 2927           |
| 1840  |       |     | 59.75                                |        |           | 13.3                 |        |           | 5586           |
| 1841  | 2065  | 8.5 | 3 15.52                              | 3.064  | 0.002     | 0 23 12.3            | 0.29   | 0.45      | 3015           |
| 1842  |       |     | 15.56                                |        |           | 14.5                 |        |           | 2631           |
| 1843  |       | 8.5 | 3 42.13                              | 3.066  | 0.002     | 0 16 51.7            | 0.32   | 0.45      | 3289           |
| 1844  |       |     | 41.83                                |        |           | 53.5                 |        |           | 2735           |
| 1845  |       | 9.0 | 6 3 42.18                            | 3.060  | + 0.002   | — 0 32 38.4          | — 0.32 | — 0.45    | 3209           |

1816. In Decl. als Fundamentalstern gebraucht. — 1835. Sehr schwach. — 1836. Sehr schwach, Decl. unsicher, wurde auch 13<sup>s</sup>13 und 30<sup>r</sup>1 beobachtet, sehr schwach, Beob. Nr. 6533.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|--------|-----------|----------------|
| 1846  |       |     | 6 <sup>h</sup> 3 <sup>m</sup> 42 <sup>s</sup> .04 |                    |                     | —0° 32' 38'' 8       |        |           | 2765           |
| 1847  |       | 8.8 | 3 54.14                                           | 3 <sup>s</sup> 059 | +0 <sup>s</sup> 002 | 0 36 6.0             | —0''34 | —0''45    | 5962           |
| 1848  |       |     | 53.80                                             |                    |                     | 4.1                  |        |           | 5480           |
| 1849  |       | 9.0 | 3 54.53                                           | 3.067              | 0.002               | 0 12 45.2            | 0.34   | 0.45      | 6160           |
| 1850  |       |     | 54.82                                             |                    |                     | 45.3                 |        |           | 2839           |
| 1851  |       | 8.4 | 4 3.41                                            | 3.026              | 0.002               | 1 59 7.8             | 0.35   | 0.44      | 6161           |
| 1852  |       |     | 3.45                                              |                    |                     | 6.6                  |        |           | 5587           |
| 1853  |       | 8.8 | 4 6.46                                            | 3.067              | 0.002               | 0 13 5.8             | 0.36   | 0.45      | 2928           |
| 1854  |       |     | 6.70                                              |                    |                     | 7.2                  |        |           | 5652           |
| 1855* |       | 8.3 | 4 48.30                                           | 3.029              | 0.002               | 1 51 34.6            | 0.42   | 0.44      | 3016           |
| 1856  |       |     | 48.14                                             |                    |                     | 38.6                 |        |           | 2632           |
| 1857* |       | 8.5 | 5 12.00                                           | 3.055              | 0.001               | 0 44 29.5            | 0.45   | 0.45      | 3290           |
| 1858* |       |     | 12.01                                             |                    |                     | 29.0                 |        |           | 6342           |
| 1859* |       |     | 11.88                                             |                    |                     | 28.0                 |        |           | 2840           |
| 1860* |       |     | 11.84                                             |                    |                     | 28.0                 |        |           | 6534           |
| 1861  |       | 9.0 | 5 24.93                                           | 3.048              | 0.001               | 1 3 4.5              | 0.47   | 0.45      | 3210           |
| 1862  |       |     | 24.83                                             |                    |                     | 5.9                  |        |           | 2766           |
| 1863  |       | 8.1 | 5 36.06                                           | 3.042              | 0.001               | 1 17 49.1            | 0.49   | 0.45      | 6002           |
| 1864  |       |     | 35.91                                             |                    |                     | 48.8                 |        |           | 5481           |
| 1865  |       | 8.8 | 5 51.59                                           | 3.066              | 0.001               | 0 16 44.5            | 0.51   | 0.45      | 6162           |
| 1866  |       |     | 51.77                                             |                    |                     | 44.0                 |        |           | 5588           |
| 1867  |       | 8.4 | 6 18.24                                           | 3.042              | 0.001               | 1 18 19.7            | 0.55   | 0.45      | 2929           |
| 1868  |       |     | 18.25                                             |                    |                     | 22.3                 |        |           | 5653           |
| 1869* |       | 9.0 | 6 20.11                                           | 3.068              | 0.001               | 0 9 55.3             | 0.55   | 0.45      | 6251           |
| 1870  |       |     | 20.25                                             |                    |                     | 57.9                 |        |           | 5589           |
| 1871  |       | 9.0 | 6 24.81                                           | 3.048              | 0.001               | 1 3 43.6             | 0.56   | 0.45      | 3017           |
| 1872  |       |     | 24.64                                             |                    |                     | 45.3                 |        |           | 5654           |
| 1873  | 2091  | 9.0 | 6 51.34                                           | 3.051              | 0.001               | 0 56 8.3             | 0.60   | 0.45      | 5963           |
| 1874  |       |     | 51.60                                             |                    |                     | 7.1                  |        |           | 5482           |
| 1875  |       | 8.8 | 6 58.25                                           | 3.062              | 0.001               | 0 28 15.4            | 0.61   | 0.45      | 3291           |
| 1876  |       |     | 58.48                                             |                    |                     | 15.9                 |        |           | 6445           |
| 1877* |       | 9.0 | 7 3.51                                            | 3.048              | 0.001               | 1 2 7.0              | 0.62   | 0.45      | 6343           |
| 1878  |       |     | 3.49                                              |                    |                     | 7.0                  |        |           | 6535           |
| 1879  |       | 9.0 | 7 13.77                                           | 3.059              | 0.001               | 0 34 29.3            | 0.63   | 0.45      | 6344           |
| 1880  |       |     | 13.83                                             |                    |                     | 30.3                 |        |           | 6446           |
| 1881  | 2097  | 8.5 | 7 17.89                                           | 3.066              | 0.001               | 0 16 24.9            | 0.64   | 0.45      | 3211           |
| 1882  |       |     | 17.87                                             |                    |                     | 20.7                 |        |           | 5483           |
| 1883  |       | 8.5 | 7 17.52                                           | 3.031              | 0.001               | 1 47 24.5            | 0.64   | 0.44      | 6252           |
| 1884  |       |     | 17.70                                             |                    |                     | 26.7                 |        |           | 5590           |
| 1885  |       | 8.5 | 7 29.26                                           | 3.048              | 0.001               | 1 1 44.0             | 0.65   | 0.45      | 5964           |
| 1886* |       |     | 29.21                                             |                    |                     | 43.2                 |        |           | 2841           |
| 1887  |       | 9.0 | 7 55.94                                           | 3.035              | 0.001               | 1 35 58.3            | 0.69   | 0.44      | 2930           |
| 1888  |       |     | 56.01                                             |                    |                     | 59.0                 |        |           | 2767           |
| 1889  | 2105  | 8.7 | 6 8 24.45                                         | 3.061              | +0.001              | —0 30 21.7           | —0.74  | —0.45     | 3018           |
| 1890  |       |     | 24.53                                             |                    |                     | 24.0                 |        |           | 6536           |

1855. Zuerst schwach, nachher heller. — 1857. Dupl. d = 5''0, den folgenden beob. — 1858. Dupl. d = 8''0, Mitte beob. — 1859. Dupl. d = 5''0, Mitte beob. — 1860. Dupl. d = 7''5, Mitte beob. — 1869. Fäden stimmen schlecht. — 1877. Fäden stimmen schlecht. — 1886. Wurde auch 29<sup>s</sup>15 und 45''3 beobachtet, Beob. Nr. 5655.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.              | Var. sec.            | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|---------------------|----------------------|----------------------|--------|-----------|----------------|
| 1891  |       | 8.3 | 6 <sup>h</sup> 8 <sup>m</sup> 29 <sup>s</sup> .22 | 3 <sup>s</sup> .033 | +0 <sup>s</sup> .001 | —1° 40' 59" 9        | —0" 74 | —0" 44    | 3212           |
| 1892  |       |     | 29.12                                             |                     |                      | 59.8                 |        |           | 2736           |
| 1893  |       | 8.3 | 8 29.38                                           | 3.064               | 0.001                | 0 22 45.8            | 0.74   | 0.45      | 3292           |
| 1894  |       |     | 29.18                                             |                     |                      | 47.8                 |        |           | 6447           |
| 1895  |       | 7.8 | 9 6.72                                            | 3.040               | 0.001                | 1 21 44.6            | 0.80   | 0.45      | 6253           |
| 1896  |       |     | 6.74                                              |                     |                      | 46.3                 |        |           | 5713           |
| 1897  |       | 6.5 | 9 12.88                                           | 3.062               | 0.001                | 0 27 60.0            | 0.81   | 0.45      | 6345           |
| 1898  |       |     | 13.02                                             |                     |                      | 59.3                 |        |           | 2842           |
| 1899  |       | 8.8 | 10 26.38                                          | 3.070               | 0.001                | 0 5 39.7             | 0.91   | 0.45      | 2931           |
| 1900  |       |     | 26.49                                             |                     |                      | 39.6                 |        |           | 6448           |
| 1901* |       | 9.3 | 11 13.64                                          | 3.036               | 0.001                | 1 32 22.9            | 0.98   | 0.44      | 3019           |
| 1902* |       |     | 13.91                                             |                     |                      | 25.8                 |        |           | 2768           |
| 1903  |       | 9.0 | 11 40.36                                          | 3.034               | 0.001                | 1 36 59.5            | 1.02   | 0.44      | 3213           |
| 1904  |       |     | 40.45                                             |                     |                      | 57.1                 |        |           | 2843           |
| 1905  |       | 8.5 | 11 44.71                                          | 3.065               | 0.001                | 0 19 31.0            | 1.03   | 0.45      | 3293           |
| 1906* |       |     | 44.70                                             |                     |                      | 32.5                 |        |           | 2737           |
| 1907  | 2143  | 7.9 | 12 47.74                                          | 3.041               | 0.001                | 1 19 4.5             | 1.12   | 0.45      | 6163           |
| 1908  |       |     | 47.65                                             |                     |                      | 5.9                  |        |           | 3395           |
| 1909  |       | 8.8 | 12 54.01                                          | 3.067               | 0.001                | 0 14 44.0            | 1.13   | 0.45      | 3214           |
| 1910  |       |     | 54.41                                             |                     |                      | 42.0                 |        |           | 5484           |
| 1911  |       | 8.8 | 12 57.01                                          | 3.041               | 0.001                | 1 19 57.0            | 1.13   | 0.45      | 3294           |
| 1912  |       | 7.9 | 12 59.49                                          | 3.052               | 0.001                | 0 51 54.8            | 1.14   | 0.45      | 6254           |
| 1913  |       |     | 59.66                                             |                     |                      | 57.1                 |        |           | 2769           |
| 1914  |       |     | 59.67                                             |                     |                      | 58.5                 |        |           | 5485           |
| 1915  |       | 9.0 | 13 8.90                                           | 3.033               | 0.001                | 1 40 4.1             | 1.15   | 0.44      | 6346           |
| 1916  |       |     | 9.02                                              |                     |                      | 4.1                  |        |           | 2844           |
| 1917  | 2148  | 8.5 | 13 22.45                                          | 3.045               | 0.001                | 1 9 26.2             | 1.17   | 0.45      | 6387           |
| 1918  |       |     | 22.64                                             |                     |                      | 25.4                 |        |           | 5591           |
| 1919  |       | 8.8 | 13 35.11                                          | 3.035               | 0.001                | 1 35 17.7            | 1.19   | 0.44      | 6164           |
| 1920  |       |     | 35.01                                             |                     |                      | 15.9                 |        |           | 6449           |
| 1921  |       | 9.0 | 13 49.39                                          | 3.045               | 0.001                | 1 10 51.0            | 1.21   | 0.45      | 6255           |
| 1922  |       |     | 49.26                                             |                     |                      | 51.6                 |        |           | 5592           |
| 1923  |       | 8.0 | 13 58.00                                          | 3.026               | 0.001                | 2 0 9.9              | 1.22   | 0.44      | 6347           |
| 1924  |       |     | 57.58                                             |                     |                      | 11.3                 |        |           | 2738           |
| 1925  |       | 8.3 | 14 2.88                                           | 3.043               | 0.001                | 1 14 34.0            | 1.23   | 0.45      | 5965           |
| 1926  |       |     | 2.65                                              |                     |                      | 34.2                 |        |           | 6537           |
| 1927  |       | 8.3 | 14 11.53                                          | 3.041               | 0.001                | 1 18 51.2            | 1.24   | 0.45      | 3215           |
| 1928  |       |     | 11.49                                             |                     |                      | 51.1                 |        |           | 6538           |
| 1929  |       | 8.8 | 14 54.06                                          | 3.041               | 0.001                | 1 19 44.6            | 1.30   | 0.45      | 6165           |
| 1930  |       |     | 54.11                                             |                     |                      | 45.4                 |        |           | 2770           |
| 1931  |       | 8.0 | 14 59.75                                          | 3.045               | 0.001                | 1 9 57.5             | 1.31   | 0.45      | 5966           |
| 1932  |       |     | 59.70                                             |                     |                      | 58.0                 |        |           | 5486           |
| 1933  |       | 9.0 | 15 10.91                                          | 3.066               | 0.001                | 0 16 17.1            | 1.33   | 0.45      | 6256           |
| 1934  |       |     | 11.17                                             |                     |                      | 17.2                 |        |           | 6450           |
| 1935  |       | 9.0 | 6 15 20.85                                        | 3.056               | +0.001               | —0 42 30.4           | —1.34  | —0.45     | 6388           |

1901. Veränderlich; sehr schwach aber beobachtbar. — 1902. Sehr hell, mindestens 8<sup>m</sup>o. — 1906. Sehr schwach, Decl. unsicher.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 1936  |       |     | 6 <sup>h</sup> 15 <sup>m</sup> 20 <sup>s</sup> 91 |        |           | —0° 42' 34" 4        |        |           | 5593           |
| 1937  |       | 8.0 | 15 21.05                                          | 3.062  | +0.001    | 0 28 38. 4           | —1" 34 | —0" 45    | 6348           |
| 1938  |       |     | 21.11                                             |        |           | 37. 1                |        |           | 2845           |
| 1939  |       | 8.7 | 15 42.84                                          | 3.027  | 0.001     | 1 58 18. 9           | 1. 37  | 0. 44     | 6257           |
| 1940  |       |     | 43.22                                             |        |           | 20. 2                |        |           | 6586           |
| 1941  |       | 8.7 | 15 44.41                                          | 3.061  | 0.001     | 0 31 13. 9           | 1. 38  | 0. 45     | 6166           |
| 1942  |       |     | 44.38                                             |        |           | 14. 1                |        |           | 6539           |
| 1943  |       | 8.8 | 15 44.48                                          | 3.037  | 0.001     | 1 30 53. 9           | 1. 38  | 0. 45     | 3216           |
| 1944  |       |     | 44.42                                             |        |           | 53. 5                |        |           | 6587           |
| 1945  | 2164  | 8.5 | 15 57.10                                          | 3.039  | 0.001     | 1 26 7. 5            | 1. 40  | 0. 45     | 3295           |
| 1946  |       |     | 56.96                                             |        |           | 9. 7                 |        |           | 6451           |
| 1947  |       | 9.0 | 15 59.71                                          | 3.032  | 0.001     | 1 43 36. 5           | 1. 40  | 0. 44     | 5967           |
| 1948  |       |     | 59.72                                             |        |           | 35. 9                |        |           | 5487           |
| 1949  |       | 8.8 | 16 1.96                                           | 3.033  | 0.001     | 1 38 46. 6           | 1. 40  | 0. 44     | 6389           |
| 1950  |       |     | 2.08                                              |        |           | 46. 4                |        |           | 5594           |
| 1951  |       | 8.8 | 16 12.94                                          | 3.062  | 0.001     | 0 26 18. 3           | 1. 42  | 0. 45     | 6349           |
| 1952  |       |     | 13.00                                             |        |           | 18. 5                |        |           | 6540           |
| 1953  | 2173  | 8.0 | 16 27.96                                          | 3.054  | 0.001     | 0 46 23. 6           | 1. 44  | 0. 45     | 2739           |
| 1954  |       |     | 27.84                                             |        |           | 26. 6                |        |           | 6606           |
| 1955  |       | 9.0 | 16 32.10                                          | 3.039  | 0.001     | 1 26 27. 7           | 1. 45  | 0. 45     | 6390           |
| 1956  |       |     | 32.40                                             |        |           | 30. 2                |        |           | 5656           |
| 1957  |       | 8.8 | 16 50.34                                          | 3.036  | 0.001     | 1 32 61. 9           | 1. 47  | 0. 44     | 3217           |
| 1958  |       |     | 50.42                                             |        |           | 59. 6                |        |           | 6452           |
| 1959  |       | 8.6 | 16 59.02                                          | 3.052  | 0.001     | 0 53 28. 4           | 1. 49  | 0. 45     | 6350           |
| 1960  |       |     | 59.00                                             |        |           | 30. 1                |        |           | 2771           |
| 1961* |       | 9.0 | 17 19.80                                          | 3.066  | 0.001     | 0 17 19. 4           | 1. 52  | 0. 45     | 5968           |
| 1962  |       |     | 19.90                                             |        |           | 18. 5                |        |           | 2846           |
| 1963  |       | 8.6 | 17 37.69                                          | 3.051  | 0.001     | 0 54 37. 4           | 1. 54  | 0. 45     | 3296           |
| 1964  |       |     | 37.71                                             |        |           | 39. 5                |        |           | 5657           |
| 1965  |       | 8.9 | 17 48.04                                          | 3.040  | 0.001     | 1 24 36. 6           | 1. 56  | 0. 45     | 6258           |
| 1966* |       |     | 48.38                                             |        |           | 38. 6                |        |           | 6453           |
| 1967  |       | 8.7 | 17 57.07                                          | 3.057  | 0.001     | 0 40 48. 8           | 1. 57  | 0. 45     | 6167           |
| 1968  |       |     | 56.89                                             |        |           | 50. 0                |        |           | 5595           |
| 1969  | 2182  | 7.2 | 18 13.60                                          | 3.041  | 0.001     | 1 21 13. 2           | 1. 59  | 0. 45     | 6259           |
| 1970* |       |     | 14.00                                             |        |           | 12. 6                |        |           | 3396           |
| 1971  |       | 8.5 | 18 37.99                                          | 3.066  | 0.001     | 0 17 31. 9           | 1. 63  | 0. 45     | 3218           |
| 1972  |       |     | 38.08                                             |        |           | 31. 9                |        |           | 5488           |
| 1973  | 2189  | 6.4 | 18 52.99                                          | 3.052  | 0.001     | 0 52 16. 3           | 1. 65  | 0. 45     | 3020           |
| 1974  |       |     | 53.08                                             |        |           | 14. 4                |        |           | 2740           |
| 1975  | 2194  | 8.3 | 19 18.22                                          | 3.064  | 0.001     | 0 23 14. 5           | 1. 69  | 0. 45     | 2932           |
| 1976  |       |     | 18.24                                             |        |           | 15. 5                |        |           | 3430           |
| 1977  |       | 8.5 | 19 40.06                                          | 3.032  | 0.001     | 1 44 37. 1           | 1. 72  |           | 3297           |
| 1978  |       |     | 40.12                                             |        |           | 39. 5                |        | 0. 44     | 5489           |
| 1979  |       | 9.0 | 6 19 52.62                                        | 3.038  | +0.001    | —1 29 19. 7          | —1. 74 |           | 3219           |
| 1980  |       |     | 52.71                                             |        |           | 21. 0                |        | —0. 45    | 2772           |

1961. Sehr schwach. — 1966. Nur an 2 Fäden; wurde auch 48<sup>s</sup>22 und 39"4 beobachtet, Beob. Nr. 6541. —  
1970. Wurde auch 13<sup>s</sup>70 und 14"3 beobachtet, Beob. Nr. 5658.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                           | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|--------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 1981  |       | 9.0 | 6 <sup>h</sup> 20 <sup>m</sup> 3 <sup>s</sup> 20 | 3 <sup>s</sup> 056 | +0 <sup>s</sup> 001 | —0° 42' 21'' 8       | —1'' 75 | —0'' 45   | 5969           |
| 1982  |       |     | 3.13                                             |                    |                     | 23. 2                |         |           | 3431           |
| 1983  |       | 9.0 | 20 11.83                                         | 3.032              | 0.001               | 1 45 20. 5           | 1. 76   | 0. 44     | 6168           |
| 1984  |       |     | 11.82                                            |                    |                     | 20. 3                |         |           | 5596           |
| 1985  |       | 8.5 | 20 18.42                                         | 3.049              | 0.001               | 1 0 7. 7             | 1. 77   | 0. 45     | 6260           |
| 1986  |       |     | 18.64                                            |                    |                     | 11. 7                |         |           | 5659           |
| 1987  |       | 6.5 | 20 19.86                                         | 3.039              | 0.001               | 1 26 6. 0            | 1. 78   | 0. 45     | 6351           |
| 1988  |       |     | 19.89                                            |                    |                     | 6. 4                 |         |           | 3397           |
| 1989  |       | 8.8 | 20 27.19                                         | 3.060              | 0.001               | 0 31 45. 0           | 1. 79   | 0. 45     | 6169           |
| 1990  |       |     | 27.10                                            |                    |                     | 45. 1                |         |           | 6454           |
| 1991  |       | 8.4 | 20 36.02                                         | 3.050              | 0.001               | 0 58 47. 4           | 1. 80   | 0. 45     | 6352           |
| 1992  |       |     | 36.04                                            |                    |                     | 46. 6                |         |           | 6542           |
| 1993  |       | 6.2 | 20 52.14                                         | 3.068              | 0.001               | 0 12 10. 8           | 1. 82   | 0. 45     | 3068           |
| 1994  |       |     | 52.14                                            |                    |                     | 11. 1                |         |           | 3398           |
| 1995  |       | 8.7 | 21 11.24                                         | 3.060              | 0.001               | 0 32 51. 3           | 1. 85   | 0. 45     | 2933           |
| 1996  |       |     | 11.12                                            |                    |                     | 51. 8                |         |           | 5970           |
| 1997  |       |     | 11.43                                            |                    |                     | 53. 4                |         |           | 5490           |
| 1998  | 2208  | 8.4 | 21 17.30                                         | 3.054              | 0.001               | 0 47 43. 1           | 1. 86   | 0. 45     | 3298           |
| 1999  |       |     | 17.39                                            |                    |                     | 47. 4                |         |           | 5660           |
| 2000  |       | 9.0 | 21 20.56                                         | 3.032              | 0.001               | 1 44 46. 5           | 1. 87   | 0. 44     | 3220           |
| 2001  |       |     | 20.69                                            |                    |                     | 44. 1                |         |           | 6455           |
| 2002  |       | 9.0 | 21 27.82                                         | 3.031              | 0.001               | 1 47 25. 7           | 1. 87   | 0. 44     | 6261           |
| 2003  |       |     | 27.86                                            |                    |                     | 26. 8                |         |           | 6588           |
| 2004  | 2214  | 9.0 | 21 40.20                                         | 3.062              | 0.001               | 0 23 37. 5           | 1. 89   | 0. 45     | 6391           |
| 2005  |       |     | 40.16                                            |                    |                     | 37. 9                |         |           | 6543           |
| 2006  |       | 8.6 | 21 58.29                                         | 3.057              | 0.001               | 0 39 11. 9           | 1. 92   | 0. 45     | 6353           |
| 2007  |       |     | 58.46                                            |                    |                     | 15. 8                |         |           | 5661           |
| 2008  |       | 7.9 | 22 15.95                                         | 3.058              | 0.001               | 0 38 36. 7           | 1. 94   | 0. 45     | 3021           |
| 2009* |       |     | 15.89                                            |                    |                     | 38. 9                |         |           | 5491           |
| 2010  | 2220  | 8.1 | 22 16.55                                         | 3.037              | 0.001               | 1 30 45. 5           | 1. 95   | 0. 44     | 3299           |
| 2011  |       |     | 16.58                                            |                    |                     | 46. 9                |         |           | 3432           |
| 2012  |       | 7.3 | 22 24.35                                         | 3.061              | 0.001               | 0 29 41. 5           | 1. 96   | 0. 45     | 2934           |
| 2013  |       |     | 24.51                                            |                    |                     | 44. 3                |         |           | 2670           |
| 2014  |       | 8.6 | 23 22.73                                         | 3.072              | 0.001               | 0 1 0. 3             | 2. 04   | 0. 45     | 3221           |
| 2015  |       |     | 22.49                                            |                    |                     | 0. 3                 |         |           | 2633           |
| 2016  | 2233  | 8.8 | 24 4.36                                          | 3.066              | 0.001               | 0 17 23. 7           | 2. 10   | 0. 45     | 3069           |
| 2017  |       |     | 4.26                                             |                    |                     | 25. 2                |         |           | 5662           |
| 2018  |       | 8.8 | 24 6.35                                          | 3.068              | 0.001               | 0 11 48. 6           | 2. 11   | 0. 45     | 3300           |
| 2019  |       |     | 6.17                                             |                    |                     | 49. 3                |         |           | 3433           |
| 2020  |       | 9.0 | 24 11.40                                         | 3.066              | 0.001               | 0 18 25. 2           | 2. 11   | 0. 45     | 6263           |
| 2021  |       |     | 11.42                                            |                    |                     | 27. 0                |         |           | 6456           |
| 2022  |       | 8.9 | 24 26.77                                         | 3.056              | 0.001               | 0 42 36. 3           | 2. 13   | 0. 45     | 2935           |
| 2023  |       |     | 26.86                                            |                    |                     | 37. 8                |         |           | 6544           |
| 2024  |       | 8.6 | 6 24 32.08                                       | 3.053              | +0.001              | —0 50 55. 7          | —2. 14  | —0. 45    | 5971           |
| 2025  |       |     | 32.01                                            |                    |                     | 55. 9                |         |           | 5714           |

2009. Wurde auch 15<sup>s</sup> 56 und 36'' 8 beobachtet, Beob. Nr. 6262.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                           | Praec.             | Var. sec.          | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|--------------------------------------------------|--------------------|--------------------|----------------------|--------|-----------|----------------|
| 2026  |       | 9.0 | 6 <sup>h</sup> 25 <sup>m</sup> 4 <sup>s</sup> 20 | 3 <sup>s</sup> 058 | 0 <sup>s</sup> 000 | —0° 37' 14" 2        | —2" 19 | —0" 44    | 3301           |
| 2027  |       |     | 4.41                                             |                    |                    | 15. 7                |        |           | 5663           |
| 2028  |       | 9.0 | 25 36.96                                         | 3.052              | 0.000              | 0 52 4. 3            | 2. 24  | 0. 44     | 3022           |
| 2029  |       |     | 37.09                                            |                    |                    | 7. 3                 |        |           | 3222           |
| 2030  |       |     | 37.43                                            |                    |                    | 7. 9                 |        |           | 2634           |
| 2031  |       | 8.6 | 25 41.80                                         | 3.072              | 0.000              | 0 1 5. 4             | 2. 24  | 0. 44     | 5972           |
| 2032  |       |     | 41.77                                            |                    |                    | 3. 5                 |        |           | 3434           |
| 2033  | 2252  | 9.0 | 27 44.91                                         | 3.050              | 0.000              | 0 58 28. 7           | 2. 25  | 0. 44     | 6170           |
| 2034  |       |     | 44.85                                            |                    |                    | 28. 4                |        |           | 6457           |
| 2035  |       | 8.8 | 26 35.67                                         | 3.043              | 0.000              | 1 16 3. 5            | 2. 32  | 0. 44     | 2936           |
| 2036  |       |     | 35.64                                            |                    |                    | 8. 1                 |        |           | 5664           |
| 2037  |       | 9.0 | 26 36.51                                         | 3.033              | 0.000              | 1 42 42. 3           | 2. 32  | 0. 43     | 6171           |
| 2038  |       |     | 36.46                                            |                    |                    | 41. 8                |        |           | 6458           |
| 2039  |       | 8.5 | 26 45.48                                         | 3.035              | 0.000              | 1 36 32. 5           | 2. 34  | 0. 43     | 3302           |
| 2040  |       |     | 45.38                                            |                    |                    | 33. 7                |        |           | 5715           |
| 2041  |       | 9.0 | 26 45.84                                         | 3.055              | 0.000              | 0 45 0. 8            | 2. 34  | 0. 44     | 3223           |
| 2042  |       |     | 46.12                                            |                    |                    | 0. 2                 |        |           | 5492           |
| 2043  |       | 5.9 | 27 17.32                                         | 3.046              | 0.000              | 1 7 38. 5            | 2. 38  | 0. 44     | 5973           |
| 2044  |       |     | 17.14                                            |                    |                    | 38. 5                |        |           | 3399           |
| 2045  |       | 8.4 | 27 20.24                                         | 3.068              | 0.000              | 0 10 15. 6           | 2. 39  | 0. 44     | 3070           |
| 2046  |       |     | 20.32                                            |                    |                    | 16. 6                |        |           | 2741           |
| 2047  | 2261  | 8.5 | 27 35.56                                         | 3.028              | 0.000              | 1 53 58. 6           | 2. 41  | 0. 43     | 6172           |
| 2048  |       |     | 35.77                                            |                    |                    | 59. 5                |        |           | 2635           |
| 2049  |       | 9.0 | 28 22.46                                         | 3.051              | 0.000              | 0 54 23. 7           | 2. 48  | 0. 44     | 2937           |
| 2050  |       |     | 22.38                                            |                    |                    | 25. 8                |        |           | 5665           |
| 2051  |       | 8.3 | 28 52.58                                         | 3.040              | 0.000              | 1 24 46. 7           | 2. 52  | 0. 44     | 5974           |
| 2052  |       |     | 52.57                                            |                    |                    | 48. 0                |        |           | 2773           |
| 2053  |       | 9.0 | 29 0.04                                          | 3.071              | 0.000              | 0 3 13. 0            | 2. 53  | 0. 44     | 3224           |
| 2054  |       |     | 0.19                                             |                    |                    | 12. 2                |        |           | 5716           |
| 2055  |       | 9.0 | 29 9.84                                          | 3.053              | 0.000              | 0 50 18. 9           | 2. 55  | 0. 44     | 3303           |
| 2056  |       |     | 9.82                                             |                    |                    | 19. 5                |        |           | 6459           |
| 2057  | 2279  | 9.0 | 29 10.69                                         | 3.060              | 0.000              | 0 32 34. 6           | 2. 55  | 0. 44     | 6173           |
| 2058  |       |     | 10.89                                            |                    |                    | 34. 2                |        |           | 6545           |
| 2059  |       | 8.6 | 29 23.77                                         | 3.049              | 0.000              | 0 59 52. 3           | 2. 57  | 0. 44     | 3023           |
| 2060  |       |     | 23.78                                            |                    |                    | 54. 5                |        |           | 2636           |
| 2061  |       | 8.5 | 29 26.49                                         | 3.036              | 0.000              | 1 35 7. 3            | 2. 57  | 0. 43     | 3071           |
| 2062* |       |     | 26.96                                            |                    |                    | 8. 1                 |        |           | 2671           |
| 2063  |       | 8.9 | 29 50.72                                         | 3.039              | 0.000              | 1 26 23. 6           | 2. 60  | 0. 44     | 2938           |
| 2064  |       |     | 50.82                                            |                    |                    | 24. 6                |        |           | 2847           |
| 2065  |       | 9.0 | 30 19.76                                         | 3.037              | 0.000              | 1 31 37. 5           | 2. 65  | 0. 44     | 5975           |
| 2066  |       |     | 19.77                                            |                    |                    | 38. 0                |        |           | 3435           |
| 2067  | 2284  | 8.9 | 30 20.05                                         | 3.047              | 0.000              | 1 3 56. 8            | 2. 65  | 0. 44     | 3304           |
| 2068  |       |     | 20.23                                            |                    |                    | 60. 0                |        |           | 5493           |
| 2069  |       | 9.0 | 6 30 27.15                                       | 3.064              | 0.000              | —0 22 23. 5          | —2. 66 | —0. 44    | 6174           |
| 2070  |       |     | 27.13                                            |                    |                    | 24. 1                |        |           | 5666           |

2062. Nur an 2 Fäden.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.          | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|--------------------|----------------------|--------|-----------|----------------|
| 2071  | 2286  | 8.3 | 6 <sup>h</sup> 30 <sup>m</sup> 32 <sup>s</sup> 76 | 3 <sup>s</sup> 030 | 0 <sup>s</sup> 000 | —1° 48' 58" 7        | —2" 66 | —0" 43    | 6354           |
| 2072  |       |     | 32.80                                             |                    |                    | 57. 8                |        |           | 3400           |
| 2073  |       | 8.7 | 30 39.41                                          | 3.027              | 0.000              | 1 58 16. 5           | 2. 67  | 0. 43     | 6392           |
| 2074  |       |     | 39.26                                             |                    |                    | 18. 1                |        |           | 5717           |
| 2075  |       | 8.9 | 30 42.27                                          | 3.052              | 0.000              | 0 53 12. 0           | 2. 68  | 0. 44     | 6264           |
| 2076  |       |     | 42.32                                             |                    |                    | 13. 3                |        |           | 5667           |
| 2077  |       | 9.0 | 30 48.18                                          | 3.048              | 0.000              | 1 2 3. 5             | 2. 69  | 0. 44     | 6355           |
| 2078* |       |     | 48.30                                             |                    |                    | 4. 3                 |        |           | 5597           |
| 2079  |       | 8.8 | 30 59.37                                          | 3.055              | 0.000              | 0 45 49. 5           | 2. 70  | 0. 44     | 6175           |
| 2080* |       |     | 58.83                                             |                    |                    | 49. 2                |        |           | 5598           |
| 2081  |       | 8.4 | 31 10.84                                          | 3.038              | 0.000              | 1 31 5. 9            | 2. 72  | 0. 44     | 5976           |
| 2082  |       |     | 10.79                                             |                    |                    | 7. 2                 |        |           | 2742           |
| 2083  |       | 8.8 | 31 17.28                                          | 3.070              | 0.000              | 0 5 25. 0            | 2. 73  | 0. 44     | 3305           |
| 2084  |       |     | 17.66                                             |                    |                    | 25. 5                |        |           | 2848           |
| 2085  | 2298  | 8.3 | 31 34.00                                          | 3.059              | 0.000              | 0 34 36. 5           | 2. 75  | 0. 44     | 2939           |
| 2086  |       |     | 34.14                                             |                    |                    | 38. 5                |        |           | 2637           |
| 2087  |       | 9.0 | 31 44.99                                          | 3.040              | 0.000              | 1 24 43. 9           | 2. 77  | 0. 44     | 6265           |
| 2088  |       |     | 45.17                                             |                    |                    | 43. 2                |        |           | 3436           |
| 2089  |       | 8.3 | 31 45.59                                          | 3.041              | 0.000              | 1 20 15. 1           | 2. 77  | 0. 44     | 3024           |
| 2090  |       |     | 45.79                                             |                    |                    | 17. 4                |        |           | 5494           |
| 2091  |       | 8.9 | 32 11.43                                          | 3.028              | 0.000              | 1 56 9. 0            | 2. 81  | 0. 43     | 6176           |
| 2092  |       |     | 11.64                                             |                    |                    | 10. 0                |        |           | 2672           |
| 2093  |       | 8.8 | 33 14.80                                          | 3.056              | 0.000              | 0 42 45. 0           | 2. 90  | 0. 44     | 3072           |
| 2094  |       |     | 15.13                                             |                    |                    | 47. 2                |        |           | 2774           |
| 2095  | 2310  | 7.7 | 33 26.33                                          | 3.042              | 0.000              | 1 16 9. 7            | 2. 92  | 0. 44     | 3025           |
| 2096  |       |     | 26.31                                             |                    |                    | 13. 6                |        |           | 2743           |
| 2097  | 2312  | 9.0 | 33 43.15                                          | 3.037              | 0.000              | 1 37 6. 0            | 2. 94  | 0. 43     | 2940           |
| 2098* |       |     | 43.12                                             |                    |                    | 7. 3                 |        |           | 2638           |
| 2099  |       | 9.0 | 34 38.61                                          | 3.056              | 0.000              | 0 41 34. 5           | 3. 02  | 0. 44     | 3306           |
| 2000  |       |     | 38.83                                             |                    |                    | 36. 9                |        |           | 2673           |
| 2101  |       | 8.9 | 35 15.26                                          | 3.049              | 0.000              | 0 59 6. 1            | 3. 07  | 0. 44     | 5977           |
| 2102  |       |     | 15.30                                             |                    |                    | 6. 4                 |        |           | 2775           |
| 2103  |       | 8.8 | 35 19.97                                          | 3.031              | 0.000              | 1 47 12. 2           | 3. 08  | 0. 43     | 6177           |
| 2104* |       |     | 19.87                                             |                    |                    | 15. 2                |        |           | 2744           |
| 2105  |       | 8.8 | 35 29.89                                          | 3.068              | 0.000              | 0 10 10. 7           | 3. 09  | 0. 44     | 3026           |
| 2106  |       |     | 30.08                                             |                    |                    | 11. 6                |        |           | 2849           |
| 2107  |       | 9.0 | 36 16.75                                          | 3.041              | 0.000              | 1 21 58. 5           | 3. 16  | 0. 44     | 2941           |
| 2108  |       |     | 16.89                                             |                    |                    | 58. 9                |        |           | 3437           |
| 2109  |       | 8.8 | 36 42.42                                          | 3.027              | 0.000              | 1 58 45. 6           | 3. 20  | 0. 43     | 3027           |
| 2110  |       |     | 42.32                                             |                    |                    | 46. 7                |        |           | 2776           |
| 2111  |       | 7.8 | 37 15.68                                          | 3.044              | 0.000              | 1 13 28. 8           | 3. 25  | 0. 44     | 3073           |
| 2112  |       |     | 15.61                                             |                    |                    | 30. 4                |        |           | 2639           |
| 2113* |       | 9.3 | 38 32.89                                          | 3.027              | 0.000              | 1 58 26. 4           | 3. 36  | 0. 43     | 2777           |
| 2114  |       | 8.0 | 6 38 45.38                                        | 3.060              | 0.000              | —0 33 40. 0          | —3. 38 | —0. 44    | 2942           |
| 2115  |       |     | 45.45                                             |                    |                    | 39. 8                |        |           | 2674           |

2078. Sehr schwach. — 2080. Fäden stimmen schlecht. — 2098. Sehr schwach. — 2104. Sehr schwach. —  
2113. Bonner Durchm. — 1° Nr. 1360.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.          | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|--------------------|----------------------|--------|-----------|----------------|
| 2116  |       | 8.8 | 6 <sup>h</sup> 38 <sup>m</sup> 54 <sup>s</sup> 33 | 3 <sup>s</sup> 027 | 0 <sup>s</sup> 000 | —1° 58' 10" 9        | —3" 39 | —0" 43    | 3225           |
| 2117  |       |     | 54.54                                             |                    |                    | 8. 6                 |        |           | 2850           |
| 2118  |       | 9.0 | 39 6.18                                           | 3.065              | 0.000              | 0 20 19. 7           | 3. 41  | 0. 44     | 3028           |
| 2119  |       |     | 6.47                                              |                    |                    | 22. 5                |        |           | 5495           |
| 2120  |       | 8.7 | 39 10.85                                          | 3.042              | 0.000              | 1 18 6. 3            | 3. 41  | 0. 44     | 3074           |
| 2121  |       |     | 11.00                                             |                    |                    | 9. 6                 |        |           | 5599           |
| 2122  | 2359  | 7.6 | 39 28.31                                          | 3.059              | 0.000              | 0 35 13. 3           | 3. 44  | 0. 44     | 5978           |
| 2123  |       |     | 28.07                                             |                    |                    | 16. 9                |        |           | 2640           |
| 2124  | 2360  | 8.6 | 39 43.75                                          | 3.037              | 0.000              | 1 33 19. 5           | 3. 46  | 0. 44     | 6178           |
| 2125  |       |     | 43.52                                             |                    |                    | 20. 5                |        |           | 5600           |
| 2126  |       | 9.0 | 40 4.71                                           | 3.070              | 0.000              | 0 4 26. 4            | 3. 49  | 0. 44     | 2943           |
| 2127  |       |     | 4.70                                              |                    |                    | 26. 4                |        |           | 2778           |
| 2128  |       | 9.0 | 40 14.18                                          | 3.027              | 0.000              | 1 59 8. 5            | 3. 50  | 0. 43     | 3226           |
| 2129  |       |     | 14.47                                             |                    |                    | 9. 3                 |        |           | 2851           |
| 2130  |       | 9.0 | 40 17.73                                          | 3.056              | 0.000              | 0 43 5. 3            | 3. 51  | 0. 44     | 6179           |
| 2131  |       |     | 18.07                                             |                    |                    | 7. 8                 |        |           | 5496           |
| 2132  |       | 9.0 | 41 0.90                                           | 3.029              | 0.000              | 1 52 15. 0           | 3. 57  | 0. 43     | 3075           |
| 2133  |       |     | 0.99                                              |                    |                    | 18. 7                |        |           | 5668           |
| 2134  |       | 8.8 | 41 4.59                                           | 3.045              | 0.000              | 1 10 17. 2           | 3. 58  | 0. 44     | 6180           |
| 2135  |       |     | 4.88                                              |                    |                    | 18. 3                |        |           | 5601           |
| 2136  |       | 9.0 | 41 6.84                                           | 3.049              | 0.000              | 1 0 30. 9            | 3. 58  | 0. 44     | 5979           |
| 2137  |       |     | 6.83                                              |                    |                    | 29. 7                |        |           | 3438           |
| 2138  |       | 9.0 | 41 24.79                                          | 3.044              | 0.000              | 1 12 51. 7           | 3. 60  | 0. 44     | 3307           |
| 2139  |       |     | 24.46                                             |                    |                    | 54. 4                |        |           | 2779           |
| 2140  |       | 8.5 | 41 26.26                                          | 3.056              | 0.000              | 0 42 49. 2           | 3. 61  | 0. 44     | 3029           |
| 2141* |       |     | 25.86                                             |                    |                    | 53. 7                |        |           | 2641           |
| 2142  |       | 9.0 | 41 50.12                                          | 3.029              | 0.000              | 1 51 20. 8           | 3. 64  | 0. 43     | 3227           |
| 2143  |       |     | 49.92                                             |                    |                    | 19. 2                |        |           | 5497           |
| 2144  |       | 6.7 | 41 58.81                                          | 3.045              | 0.000              | 1 10 52. 1           | 3. 65  | 0. 44     | 6266           |
| 2145  |       |     | 59.07                                             |                    |                    | 53. 5                |        |           | 3401           |
| 2146  |       | 8.9 | 41 59.81                                          | 3.052              | 0.000              | 0 54 46. 4           | 3. 65  | 0. 44     | 2944           |
| 2147  |       |     | 60.13                                             |                    |                    | 46. 9                |        |           | 2852           |
| 2148  |       |     | 60.03                                             |                    |                    | 45. 9                |        |           | 3439           |
| 2149  |       | 7.7 | 42 2.89                                           | 3.034              | 0.000              | 1 40 54. 6           | 3. 66  | 0. 43     | 6356           |
| 2150  |       |     | 2.93                                              |                    |                    | 54. 5                |        |           | 3609           |
| 2151  |       |     | 42 9.76                                           | 3.037              | 0.000              | 1 31 31. 7           | 3. 67  | 0. 44     | 5980           |
| 2152  |       |     | 9.74                                              |                    |                    | 31. 3                |        |           | 2745           |
| 2153  |       | 8.5 | 42 47.28                                          | 3.066              | 0.000              | 0 18 49. 2           | 3. 72  | 0. 44     | 6181           |
| 2154  |       |     | 47.21                                             |                    |                    | 49. 0                |        |           | 5498           |
| 2155  |       | 9.0 | 43 2.61                                           | 3.063              | 0.000              | 0 24 48. 5           | 3. 74  | 0. 44     | 3308           |
| 2156  |       |     | 2.62                                              |                    |                    | 51. 5                |        |           | 5669           |
| 2157  |       | 8.8 | 43 5.06                                           | 3.070              | 0.000              | 0 4 12. 4            | 3. 75  | 0. 44     | 6357           |
| 2158  |       |     | 4.79                                              |                    |                    | 11. 9                |        |           | 5602           |
| 2159  |       | 8.0 | 43 23.93                                          | 3.045              | 0.000              | —1 11 57. 6          | —3. 77 | —0. 44    | 3030           |
| 2160  |       |     | 24.13                                             |                    |                    | 60. 7                |        |           | 2746           |

2141. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|----------|-----------|----------------|
| 2161* |       | 9.0 | 6 <sup>h</sup> 43 <sup>m</sup> 37 <sup>s</sup> .21 | 3.026  | 0.000     | — 1° 58' 51'' 1      | — 3'' 79 | — 0'' 43  | 3076           |
| 2162  |       |     | 37.44                                              |        |           | 50. 2                |          |           | 2780           |
| 2163  |       | 9.0 | 43 52.49                                           | 3.036  | 0.000     | 1 35 19. 3           | 3. 82    | 0. 44     | 3228           |
| 2164  |       |     | 52.62                                              |        |           | 17. 9                |          |           | 3440           |
| 2165  | 2393  | 8.8 | 44 3.21                                            | 3.062  | 0.000     | 0 26 53. 0           | 3. 83    | 0. 44     | 6182           |
| 2166  |       |     | 3.23                                               |        |           | 54. 5                |          |           | 2642           |
| 2167  |       | 9.0 | 44 7.56                                            | 3.064  | 0.000     | 0 21 54. 9           | 3. 84    | 0. 44     | 2945           |
| 2168  |       |     | 7.71                                               |        |           | 57. 8                |          |           | 5670           |
| 2169  |       | 6.7 | 44 26.86                                           | 3.064  | 0.000     | 0 23 26. 0           | 3. 87    | 0. 44     | 5981           |
| 2170  |       |     | 27.09                                              |        |           | 27. 0                |          |           | 3402           |
| 2171  |       | 9.0 | 44 43.97                                           | 3.069  | 0.000     | 0 6 54. 3            | 3. 89    | 0. 44     | 3309           |
| 2172  |       |     | 44.03                                              |        |           | 53. 1                |          |           | 2853           |
| 2173  |       | 8.5 | 45 2.42                                            | 3.031  | — 0.001   | 1 48 53. 4           | 3. 91    | 0. 43     | 6183           |
| 2174  |       |     | 2.45                                               |        |           | 54. 5                |          |           | 5603           |
| 2175  |       | 8.9 | 45 20.13                                           | 3.038  | 0.001     | 1 30 25. 7           | 3. 94    | 0. 44     | 3229           |
| 2176  |       |     | 20.35                                              | 3.038  | 0.001     | 26. 2                |          |           | 2781           |
| 2177  |       | 9.0 | 45 39.63                                           |        |           | 1 29 48. 0           | 3. 97    | 0. 44     | 3031           |
| 2178  |       |     | 39.66                                              | 3.027  | 0.001     | 50. 8                |          |           | 3441           |
| 2179  |       | 9.0 | 45 39.10                                           |        |           | 1 58 47. 3           | 3. 97    | 0. 43     | 6267           |
| 2180* |       |     | 39.25                                              |        |           | 47. 5                |          |           | 5499           |
| 2181  |       | 9.0 | 45 41.66                                           | 3.069  | 0.001     | 0 9 27. 3            | 3. 97    | 0. 44     | 6358           |
| 2182  |       | 8.7 | 45 46.72                                           | 3.069  | 0.001     | 0 8 52. 8            | 3. 98    | 0. 44     | 6184           |
| 2183  |       |     | 46.86                                              |        |           | 53. 8                |          |           | 6268           |
| 2184  |       |     | 47.04                                              |        |           | 56. 2                |          |           | 5671           |
| 2185  |       |     | 47.01                                              |        |           | 52. 2                |          |           | 5718           |
| 2186  |       | 8.8 | 45 57.38                                           | 3.060  | 0.001     | 0 31 46. 1           | 3. 99    | 0. 44     | 3310           |
| 2187  |       |     | 57.39                                              |        |           | 47. 3                |          |           | 2643           |
| 2188* |       | 9.3 | 46 1.11                                            | 3.043  | 0.001     | 1 15 57. 6           | 4. 00    | 0. 44     | 5604           |
| 2189  |       | 9.0 | 46 3.75                                            | 3.044  | 0.001     | 1 14 46. 9           | 4. 00    | 0. 44     | 2946           |
| 2190  |       | 9.0 | 46 27.32                                           | 3.036  | 0.001     | 1 33 58. 1           | 4. 04    | 0. 44     | 3230           |
| 2191  |       |     | 27.48                                              |        |           | 55. 9                |          |           | 2854           |
| 2192* |       | 9.4 | 46 41.29                                           | 3.072  | 0.001     | 0 0 29. 6            | 4. 06    | 0. 44     | 5672           |
| 2193  |       | 9.0 | 47 17.72                                           | 3.053  | 0.001     | 0 49 59. 9           | 4. 11    | 0. 44     | 3032           |
| 2194  |       |     | 17.79                                              |        |           | 62. 2                |          |           | 5500           |
| 2195  |       | 8.8 | 47 20.06                                           | 3.064  | 0.001     | 0 22 12. 5           | 4. 11    | 0. 44     | 3077           |
| 2196  |       |     | 20.16                                              |        |           | 13. 2                |          |           | 2782           |
| 2197  |       | 9.0 | 47 23.78                                           | 3.069  | 0.001     | 0 8 29. 9            | 4. 12    | 0. 44     | 3311           |
| 2198  |       |     | 23.80                                              |        |           | 29. 1                |          |           | 3442           |
| 2199  |       | 8.5 | 47 31.01                                           | 3.069  | 0.001     | 0 9 38. 9            | 4. 13    | 0. 44     | 5982           |
| 2200  |       |     | 30.99                                              |        |           | 40. 3                |          |           | 2747           |
| 2201  |       | 9.0 | 47 33.75                                           | 3.059  | 0.001     | 0 34 43. 4           | 4. 13    | 0. 44     | 6185           |
| 2202  |       |     | 33.96                                              |        |           | 45. 1                |          |           | 5673           |
| 2203  |       | 8.8 | 47 35.46                                           | 3.066  | 0.001     | 0 18 2. 6            | 4. 13    | 0. 44     | 6269           |
| 2204* |       |     | 35.28                                              |        |           | 4. 3                 |          |           | 5605           |
| 2205  |       | 9.0 | 6 47 49.67                                         | 3.071  | — 0.001   | — 0 2 38. 3          | — 4. 16  | — 0. 44   | 6359           |

2161. Sehr schwach. — 2180. Es geht ein hellerer Stern circa 3' südlicher voran. — 2188. Bonner Durchm. — 1° Nr. 1420. — 2192. Bonner Durchm. +0° Nr. 1676. — 2204. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 2206  |       |     | 6 <sup>h</sup> 47 <sup>m</sup> 49 <sup>s</sup> 50 |        |           | —0° 2' 38" 6         |        |           | 6460           |
| 2207  |       | 8.8 | 47 49.63                                          | 3.057  | —0.001    | 1 40 1.3             | —4" 16 | —0" 43    | 6393           |
| 2208  |       |     | 49.66                                             |        |           | 1.2                  |        |           | 5501           |
| 2209  |       | 9.0 | 47 52.62                                          | 3.062  | 0.001     | 0 28 33.4            | 4. 16  | 0. 44     | 3231           |
| 2210  |       |     | 52.48                                             |        |           | 35.5                 |        |           | 6546           |
| 2211  |       | 9.0 | 48 3.27                                           | 3.038  | 0.001     | 1 30 10.6            | 4. 17  | 0. 44     | 6394           |
| 2212  |       | 6.4 | 48 3.64                                           | 3.050  | 0.001     | 0 58 23.2            | 4. 17  | 0. 44     | 2644           |
| 2213  |       |     | 3.44                                              |        |           | 21.8                 |        |           | 6607           |
| 2214  |       | 9.0 | 48 5.68                                           | 3.038  | 0.001     | 1 29 31.3            | 4. 18  | 0. 44     | 2947           |
| 2215  |       |     | 5.73                                              |        |           | 33.9                 |        |           | 2855           |
| 2216  |       |     | 5.42                                              |        |           | 35.2                 |        |           | 5719           |
| 2217  |       |     | 5.62                                              |        |           | 32.4                 |        |           | 6589           |
| 2218  |       | 9.0 | 48 14.14                                          | 3.066  | 0.001     | 0 17 52.0            | 4. 19  | 0. 44     | 6360           |
| 2219  |       |     | 14.10                                             |        |           | 50.9                 |        |           | 3443           |
| 2220  |       | 6.7 | 48 22.73                                          | 3.036  | 0.001     | 1 36 5.5             | 4. 20  | 0. 44     | 5983           |
| 2221  |       |     | 22.78                                             |        |           | 3.6                  |        |           | 3610           |
| 2222  |       | 8.5 | 48 28.17                                          | 3.046  | 0.001     | 1 7 39.0             | 4. 21  | 0. 44     | 6270           |
| 2223  |       |     | 28.25                                             |        |           | 37.8                 |        |           | 6461           |
| 2224  |       | 9.0 | 48 28.91                                          | 3.052  | 0.001     | 0 54 55.7            | 4. 21  | 0. 44     | 6547           |
| 2225  |       |     | 28.69                                             |        |           | 55.5                 |        |           | 6590           |
| 2226* |       | 9.2 | 48 29.81                                          | 3.035  | 0.001     | 1 36 34.5            | 4. 21  | 0. 44     | 5984           |
| 2227* |       | 8.5 | 48 34.35                                          | 3.044  | 0.001     | 1 13 13.1            | 4. 22  | 0. 44     | 6361           |
| 2228  |       |     | 34.39                                             |        |           | 13.6                 |        |           | 2783           |
| 2229  |       | 7.9 | 49 34.44                                          | 3.040  | 0.001     | 1 25 36.5            | 4. 30  | 0. 44     | 3033           |
| 2230  |       |     | 34.44                                             |        |           | 39.0                 |        |           | 2645           |
| 2231  |       | 9.0 | 49 46.94                                          | 3.053  | 0.001     | 0 49 33.6            | 4. 32  | 0. 44     | 3232           |
| 2232  |       |     | 46.98                                             |        |           | 31.6                 |        |           | 5502           |
| 2233  |       | 8.5 | 50 0.54                                           | 3.053  | 0.001     | 0 50 54.3            | 4. 34  | 0. 44     | 3078           |
| 2234  |       |     | 0.48                                              |        |           | 55.8                 |        |           | 2748           |
| 2235  |       | 9.0 | 50 1.39                                           | 3.056  | 0.001     | 0 42 40.7            | 4. 34  | 0. 44     | 2948           |
| 2236  |       |     | 1.50                                              |        |           | 40.0                 |        |           | 3444           |
| 2237  |       | 8.8 | 50 14.66                                          | 3.067  | 0.001     | 0 15 50.9            | 4. 36  | 0. 44     | 3312           |
| 2238  |       |     | 14.47                                             |        |           | 51.8                 |        |           | 2856           |
| 2239  |       | 9.0 | 50 23.64                                          | 3.055  | 0.001     | 0 45 22.1            | 4. 37  | 0. 44     | 6362           |
| 2240  |       |     | 23.57                                             |        |           | 23.8                 |        |           | 2784           |
| 2241  |       | 9.0 | 50 42.23                                          | 3.030  | 0.001     | 1 51 31.4            | 4. 40  | 0. 43     | 6395           |
| 2242  |       |     | 42.41                                             |        |           | 31.2                 |        |           | 5674           |
| 2243  |       | 9.0 | 50 49.54                                          | 3.070  | 0.001     | 0 4 37.3             | 4. 41  | 0. 44     | 6363           |
| 2244  |       |     | 49.46                                             |        |           | 37.6                 |        |           | 5606           |
| 2245* |       | 9.2 | 50 54.34                                          | 3.055  | 0.001     | 0 45 22.3            | 4. 42  | 0. 44     | 6271           |
| 2246  |       | 9.0 | 51 2.44                                           | 3.047  | 0.001     | 1 7 49.7             | 4. 43  | 0. 44     | 3233           |
| 2247  |       |     | 2.53                                              |        |           | 51.3                 |        |           | 5720           |
| 2248  |       | 8.8 | 51 7.30                                           | 3.045  | 0.001     | 1 12 39.9            | 4. 44  | 0. 44     | 3034           |
| 2249  |       |     | 7.22                                              |        |           | 41.0                 |        |           | 3611           |
| 2250  |       | 8.8 | 6 51 57.61                                        | 3.064  | —0.001    | —0 21 49.8           | —4. 51 | —0. 44    | 3313           |

2226. Bonner Durchm. — 1° Nr. 1448. — 2227. Nur an 2 Fäden. — 2245. Bonner Durchm. — 0° Nr. 1560.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec.              | Var. sec.            | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|---------------------|----------------------|----------------------|--------|-----------|----------------|
| 2251* | 2452  | 9.0 | 6 <sup>h</sup> 51 <sup>m</sup> 57 <sup>s</sup> .73 | 3 <sup>s</sup> .068 | —0 <sup>s</sup> .001 | —0° 21' 54" 9        | —4" 51 | —0" 44    | 2646           |
| 2252  |       |     | 52 0.44                                            |                     |                      | 0 10 59. 8           |        |           | 6186           |
| 2253  |       |     | 0.49                                               |                     |                      | 61. 3                |        |           | 2785           |
| 2254  |       |     | 52 13.23                                           |                     |                      | 1 27 7. 9            |        |           | 2949           |
| 2255* |       |     | 13.19                                              |                     |                      | 12. 8                |        |           | 2749           |
| 2256  |       | 9.0 | 52 17.14                                           | 3.053               | 0.001                | 0 49 58. 5           | 4. 54  | 0. 44     | 3234           |
| 2257  |       |     | 17.16                                              |                     |                      | 55. 5                |        |           | 2857           |
| 2258  |       |     | 52 29.57                                           |                     |                      | 1 40 19. 1           |        |           | 3079           |
| 2259  |       |     | 29.64                                              |                     |                      | 19. 2                |        |           | 3553           |
| 2260  |       |     | 52 55.06                                           |                     |                      | 1 22 16. 1           |        |           | 3314           |
| 2261  |       | 8.8 | 54.99                                              | 3.053               | 0.001                | 20. 1                | 4. 62  | 0. 44     | 5721           |
| 2262  |       |     | 53 17.15                                           |                     |                      | 0 52 0. 2            |        |           | 3035           |
| 2263  |       |     | 17.29                                              |                     |                      | 1. 6                 |        |           | 6462           |
| 2264* |       |     | 53 18.14                                           |                     |                      | —0 20 31. 8          |        |           | 5985           |
| 2265* |       |     | 53 32.09                                           |                     |                      | +0 7 31. 0           |        |           | 5503           |
| 2266* |       | 9.0 | 53 33.93                                           | 3.031               | 0.001                | —1 50 15. 2          | 4. 64  | 0. 43     | 6364           |
| 2267  |       |     | 34.04                                              |                     |                      | 16. 6                |        |           | 5722           |
| 2268  |       |     | 53 35.44                                           |                     |                      | 0 15 37. 8           |        |           | 6272           |
| 2269  |       |     | 35.42                                              |                     |                      | 37. 9                |        |           | 5675           |
| 2270  |       |     | 53 43.27                                           |                     |                      | 1 55 53. 3           |        |           | 2950           |
| 2271  |       | 9.0 | 43.62                                              | 3.065               | 0.001                | 56. 1                | 4. 69  | 0. 44     | 5676           |
| 2272* |       |     | 54 4.39                                            |                     |                      | 0 21 8. 5            |        |           | 3235           |
| 2273* |       |     | 4.50                                               |                     |                      | 7. 4                 |        |           | 2786           |
| 2274  |       |     | 54 33.91                                           |                     |                      | 0 29 43. 5           |        |           | 3080           |
| 2275  |       |     | 33.72                                              |                     |                      | 44. 3                |        |           | 6396           |
| 2276* | 2478  | 8.8 | 33.97                                              | 3.067               | 0.001                | —                    | 4. 75  | 0. 44     | 2647           |
| 2277  |       |     | 33.75                                              |                     |                      | 43. 3                |        |           | 3445           |
| 2278  |       |     | 54 45.10                                           |                     |                      | 0 14 43. 0           |        |           | 3315           |
| 2279  |       |     | 44.95                                              |                     |                      | 44. 2                |        |           | 6273           |
| 2280  |       |     | 45.08                                              |                     |                      | 44. 7                |        |           | 2750           |
| 2281  |       | 9.0 | 54 52.32                                           | 3.053               | 0.001                | 0 51 23. 0           | 4. 76  | 0. 44     | 5986           |
| 2282  |       |     | 52.38                                              |                     |                      | 23. 1                |        |           | 2858           |
| 2283  |       |     | 54 58.30                                           |                     |                      | 1 58 48. 3           |        |           | 6187           |
| 2284  |       |     | 58.15                                              |                     |                      | 50. 4                |        |           | 3554           |
| 2285  |       |     | 55 14.37                                           |                     |                      | 0 16 30. 7           |        |           | 6365           |
| 2286  |       | 8.9 | 14.69                                              | 3.069               | 0.001                | 32. 3                | 4. 80  | 0. 43     | 3612           |
| 2287* |       |     | 55 22.91                                           |                     |                      | 0 11 31. 8           |        |           | 6366           |
| 2288  |       |     | 23.16                                              |                     |                      | 33. 9                |        |           | 5608           |
| 2289  |       |     | 55 32.49                                           |                     |                      | 1 10 5. 5            |        |           | 5987           |
| 2290* |       |     | 32.46                                              |                     |                      | 6. 6                 |        |           | 2675           |
| 2291  |       | 9.0 | 55 32.62                                           | 3.051               | 0.001                | 0 57 16. 5           | 4. 81  | 0. 43     | 6188           |
| 2292  |       |     | 32.51                                              |                     |                      | 19. 8                |        |           | 5723           |
| 2293  |       |     | 56 3.72                                            |                     |                      | 1 49 59. 6           |        |           | 2951           |
| 2294  |       |     | 3.71                                               |                     |                      | 61. 9                |        |           | 2648           |
| 2295  | 2490  | 9.0 | 6 56 9.86                                          | 3.039               | —0.001               | —1 28 15. 7          | —4. 87 | —0. 43    | 3036           |

2251. Sehr schwach, beide Coordinaten unsicher. — 2255. Schwach u. mangelh. eingestellt. — 2264. Wurde auch 18<sup>s</sup> 11 u. 33" 3 beobachtet, Beob. Nr. 5607. — 2265. Bonn. Durchm. +0° Nr 1747. — 2266. Etwas südl. ist ein Stern 9<sup>m</sup> 5. — 2272. Dupl. d. vorangeh. beobachtet. — 2273. Dupl. d=6" 0, Pos. = 120°, den vorangeh. u. um 0<sup>m</sup> 1 helleren beobachtet. — 2276. Als Fundamentalstern in Decl. gebraucht — 2287. Sehr schwach. — 2290. Nur an 2 Fäden.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                           | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|--------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 2296  |       |     | 6 <sup>h</sup> 56 <sup>m</sup> 9 <sup>s</sup> 75 |        |           | —1° 28' 18" 9        |        |           | 2787           |
| 2297  |       | 9.0 | 56 33.95                                         | 3.027  | —0.001    | 2 1 19.9             | —4" 90 | —0" 42    | 3236           |
| 2298  |       |     | 34.31                                            |        |           | 18.7                 |        |           | 2859           |
| 2299  |       | 8.7 | 56 39.09                                         | 3.031  | 0.001     | 1 51 3.8             | 4.91   | 0.42      | 3081           |
| 2300  |       |     | 39.12                                            |        |           | 6.0                  |        |           | 2751           |
| 2301  |       | 8.9 | 56 46.93                                         | 3.071  | 0.001     | 0 1 54.6             | 4.92   | 0.43      | 3316           |
| 2302  |       |     | 47.29                                            |        |           | 58.9                 |        |           | 5677           |
| 2303  | 2498  | 8.7 | 57 0.71                                          | 3.030  | 0.001     | 1 52 37.3            | 4.94   | 0.42      | 5988           |
| 2304  |       |     | 0.48                                             |        |           | 37.7                 |        |           | 3446           |
| 2305  | 2501  | 7.7 | 57 18.93                                         | 3.064  | 0.001     | 0 22 32.1            | 4.96   | 0.43      | 3037           |
| 2306  |       |     | 18.96                                            |        |           | 32.0                 |        |           | 3403           |
| 2307  |       | 8.7 | 57 26.16                                         | 3.052  | 0.001     | 0 55 4.9             | 4.97   | 0.43      | 2952           |
| 2308  |       |     | 26.18                                            |        |           | 3.6                  |        |           | 3613           |
| 2309  |       | 8.8 | 57 50.19                                         | 3.062  | 0.001     | 0 28 7.3             | 5.01   | 0.43      | 3237           |
| 2310  |       |     | 50.30                                            |        |           | 6.9                  |        |           | 5504           |
| 2311  |       | 8.5 | 57 56.03                                         | 3.029  | 0.001     | 1 55 4.9             | 5.02   | 0.42      | 3317           |
| 2312* |       |     | 56.13                                            |        |           | 6.3                  |        |           | 3555           |
| 2313  |       | 9.0 | 58 22.08                                         | 3.066  | 0.001     | 0 17 31.8            | 5.05   | 0.43      | 5989           |
| 2314  |       |     | 22.06                                            |        |           | 31.4                 |        |           | 2788           |
| 2315  |       | 8.6 | 58 26.23                                         | 3.038  | 0.001     | 1 29 12.6            | 5.06   | 0.43      | 6189           |
| 2316  |       |     | 25.85                                            |        |           | 16.0                 |        |           | 2752           |
| 2317  |       | 8.9 | 58 26.87                                         | 3.035  | 0.001     | 1 38 4.3             | 5.06   | 0.43      | 6274           |
| 2318  |       |     | 26.73                                            |        |           | 4.0                  |        |           | 3447           |
| 2319* |       | 9.0 | 58 39.02                                         | 3.036  | 0.001     | 1 35 55.1            | 5.08   | 0.43      | 6367           |
| 2320  |       |     | 39.41                                            |        |           | 55.1                 |        |           | 2860           |
| 2321  |       | 7.9 | 58 48.33                                         | 3.057  | 0.001     | 0 40 47.5            | 5.09   | 0.43      | 3082           |
| 2322  |       |     | 48.49                                            |        |           | 47.5                 |        |           | 2649           |
| 2323* |       | 8.8 | 58 59.66                                         | 3.041  | 0.001     | 1 22 27.2            | 5.11   | *0.43     | 3238           |
| 2324  |       |     | 59.66                                            |        |           | 27.7                 |        |           | 5678           |
| 2325  |       | 7.9 | 59 10.29                                         | 3.059  | 0.001     | 0 35 60.2            | 5.12   | 0.43      | 2953           |
| 2326  |       |     | 10.33                                            |        |           | 59.4                 |        |           | 3404           |
| 2327  |       | 8.8 | 59 11.98                                         | 3.027  | 0.001     | 2 1 10.4             | 5.12   | 0.42      | 5990           |
| 2328  |       |     | 11.71                                            |        |           | 12.2                 |        |           | 5724           |
| 2329  |       | 8.4 | 59 17.05                                         | 3.050  | 0.001     | 1 1 3.8              | 5.13   | 0.43      | 3318           |
| 2330  |       |     | 17.21                                            |        |           | 4.2                  |        |           | 3556           |
| 2331  |       | 8.8 | 59 23.80                                         | 3.042  | 0.001     | 1 19 25.1            | 5.14   | 0.43      | 3038           |
| 2332  |       |     | 23.86                                            |        |           | 29.1                 |        |           | 5679           |
| 2333  |       | 9.0 | 59 29.53                                         | 3.051  | 0.001     | 0 57 11.0            | 5.15   | 0.43      | 6190           |
| 2334  |       |     | 29.42                                            |        |           | 12.2                 |        |           | 5725           |
| 2335  |       | 8.0 | 59 31.00                                         | 3.053  | 0.001     | 0 49 32.3            | 5.15   | 0.43      | 6275           |
| 2336  |       |     | 30.75                                            |        |           | 33.2                 |        |           | 2650           |
| 2337  | 2521  | 8.8 | 59 51.99                                         | 3.034  | 0.001     | 1 41 7.9             | 5.18   | 0.42      | 6276           |
| 2338  |       |     | 52.02                                            |        |           | 8.1                  |        |           | 2789           |
| 2339  | 2520  | 8.8 | 6 59 52.24                                       | 3.064  | —0.001    | —0 23 41.0           | —5.18  | —0.43     | 6191           |
| 2340  |       |     | 51.93                                            |        |           | 40.8                 |        |           | 2753           |

2312. Sehr schwach. — 2319. Sehr schwach. — 2323. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 2341  |       | 9.0 | 7 <sup>h</sup> 0 <sup>m</sup> 35 <sup>s</sup> .77 | 3.041  | —0.001    | —1° 21' 39".4        | —5" 24 | —0" 43    | 3239           |
| 2342  |       |     | 35.82                                             |        |           | 40.8                 |        |           | 6548           |
| 2343  |       | 8.5 | I 3.22                                            | 3.042  | 0.001     | I 20 37.6            | 5.28   | 0.43      | 3319           |
| 2344  |       |     | 3.44                                              |        |           | 39.4                 |        |           | 2790           |
| 2345  |       | 8.5 | I 5.92                                            | 3.036  | 0.001     | I 37 59.2            | 5.28   | 0.43      | 2954           |
| 2346  |       |     | 6.11                                              |        |           | 58.3                 |        |           | 2861           |
| 2347* |       | 9.5 | I 18.98                                           | 3.053  | 0.001     | 0 49 50.3            | 5.30   | 0.43      | 6463           |
| 2348  |       | 8.8 | I 41.34                                           | 3.056  | 0.001     | 0 44 40.8            | 5.33   | 0.43      | 3039           |
| 2349  |       |     | 41.18                                             |        |           | 43.2                 |        |           | 3448           |
| 2350* |       | 8.8 | I 52.99                                           | 3.068  | 0.001     | 0 13 32.9            | 5.35   | 0.43      | 5991           |
| 2351  |       |     | 53.05                                             |        |           | 32.1                 |        |           | 3614           |
| 2352  |       | 9.0 | 2 2.06                                            | 3.048  | 0.001     | I 5 28.0             | 5.36   | 0.43      | 6192           |
| 2353  |       |     | 2.32                                              |        |           | 28.9                 |        |           | 6464           |
| 2354  |       | 8.9 | 2 11.53                                           | 3.049  | 0.001     | I 1 44.9             | 5.38   | 0.43      | 6277           |
| 2355  |       |     | 11.58                                             |        |           | 46.7                 |        |           | 5726           |
| 2356  | 2542  | 9.0 | 2 19.80                                           | 3.065  | 0.001     | 0 20 42.7            | 5.39   | 0.43      | 3240           |
| 2357  |       |     | 19.60                                             |        |           | 43.4                 |        |           | 6549           |
| 2358  | 2543  | 8.5 | 2 27.43                                           | 3.037  | 0.001     | I 34 51.8            | 5.40   | 0.43      | 3083           |
| 2359  |       |     | 27.38                                             |        |           | 51.8                 |        |           | 3557           |
| 2360  |       | 8.6 | 3 14.72                                           | 3.046  | 0.001     | I 9 50.5             | 5.46   | 0.43      | 3040           |
| 2361  |       |     | 14.65                                             |        |           | 52.5                 |        |           | 3449           |
| 2362  |       | 8.7 | 3 50.34                                           | 3.035  | 0.001     | I 41 10.2            | 5.51   | 0.43      | 3084           |
| 2363  |       |     | 50.47                                             |        |           | 8.8                  |        |           | 6465           |
| 2364  |       | 8.3 | 3 51.28                                           | 3.061  | 0.001     | 0 29 12.4            | 5.51   | 0.43      | 3320           |
| 2365  |       |     | 51.15                                             |        |           | 14.2                 |        |           | 3634           |
| 2366  | 2563  | 8.2 | 4 19.96                                           | 3.035  | 0.001     | I 38 27.2            | 5.56   | 0.43      | 3241           |
| 2367  |       |     | 20.05                                             |        |           | 27.3                 |        |           | 3558           |
| 2368  | 2567  | 8.8 | 5 0.36                                            | 3.068  | 0.002     | 0 12 47.6            | 5.61   | 0.42      | 5992           |
| 2369  |       |     | 0.36                                              |        |           | 48.2                 |        |           | 3450           |
| 2370  |       | 8.9 | 5 0.15                                            | 3.040  | 0.002     | I 25 0.7             | 5.61   | 0.42      | 6193           |
| 2371  |       |     | 0.09                                              |        |           | 3.4                  |        |           | 5727           |
| 2372  |       | 6.4 | 5 0.46                                            | 3.070  | 0.002     | 0 5 51.0             | 5.61   | 0.42      | 6278           |
| 2373  |       |     | 0.27                                              |        |           | 50.4                 |        |           | 3405           |
| 2374  |       | 8.5 | 5 9.14                                            | 3.054  | 0.002     | 0 49 38.1            | 5.62   | 0.42      | 3041           |
| 2375  |       |     | 8.97                                              |        |           | 37.3                 |        |           | 3615           |
| 2376  |       |     | 9.17                                              |        |           | 37.9                 |        |           | 3635           |
| 2377  |       | 8.7 | 5 14.25                                           | 3.046  | 0.002     | I 8 57.8             | 5.63   | 0.42      | 3321           |
| 2378  |       |     | 14.27                                             |        |           | 58.9                 |        |           | 6466           |
| 2379  |       | 8.8 | 5 14.12                                           | 3.032  | 0.002     | I 48 46.3            | 5.63   | 0.41      | 6368           |
| 2380  |       |     | 14.27                                             |        |           | 48.2                 |        |           | 6550           |
| 2381  |       | 4.2 | 5 28.98                                           | 3.066  | 0.002     | 0 17 16.5            | 5.65   | 0.42      | 3085           |
| 2382  |       |     | 29.00                                             |        |           | 15.8                 |        |           | 3559           |
| 2383  |       | 8.8 | 5 45.10                                           | 3.049  | 0.002     | I 3 43.0             | 5.67   | 0.42      | 6194           |
| 2384  |       |     | 44.99                                             |        |           | 46.6                 |        |           | 6591           |
| 2385  |       | 8.8 | 7 5 45.03                                         | 3.045  | —0.002    | —I 13 44.6           | —5.67  | —0.42     | 3242           |

2347. Bonner Durchm. — 0° Nr. 1606. — 2350. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.              | Var. sec.            | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|---------------------|----------------------|----------------------|--------|-----------|----------------|
| 2386  |       |     | 7 <sup>h</sup> 5 <sup>m</sup> 45 <sup>s</sup> .09 |                     |                      | —1° 13' 44" 5        |        |           | 6551           |
| 2387  |       | 8.7 | 5 59.51                                           | 3 <sup>s</sup> .037 | —0 <sup>s</sup> .002 | 1 34 16.2            | —5" 69 | —0" 42    | 6279           |
| 2388  |       |     | 59.76                                             |                     |                      | 14.7                 |        |           | 3451           |
| 2389  |       | 8.8 | 6 13.12                                           | 3.065               | 0.002                | 0 21 5.7             | 5.71   | 0.42      | 3322           |
| 2390  |       |     | 13.01                                             |                     |                      | 5.8                  |        |           | 6467           |
| 2391* |       | 9.0 | 6 14.55                                           | 3.062               | 0.002                | 0 28 17.7            | 5.72   | 0.42      | 5993           |
| 2392  |       |     | 14.41                                             |                     |                      | 22.2                 |        |           | 5728           |
| 2393* |       | 9.0 | 6 14.43                                           | 3.062               | 0.002                | 0 28 19.1            | 5.72   | 0.42      | 6280           |
| 2394* |       |     | 14.17                                             |                     |                      | 19.5                 |        |           | 6552           |
| 2395  |       | 8.0 | 6 54.79                                           | 3.071               | 0.002                | 0 2 58.5             | 5.77   | 0.42      | 3042           |
| 2396  |       |     | 54.80                                             |                     |                      | 59.1                 |        |           | 3616           |
| 2397  |       | 9.0 | 7 1.87                                            | 3.052               | 0.002                | 0 54 40.2            | 5.78   | 0.42      | 3243           |
| 2398  |       |     | 2.15                                              |                     |                      | 39.9                 |        |           | 3560           |
| 2399  |       | 9.0 | 7 15.71                                           | 3.031               | 0.002                | 1 52 1.6             | 5.80   | 0.41      | 5994           |
| 2400  |       |     | 15.62                                             |                     |                      | 2.1                  |        |           | 3636           |
| 2401  |       | 9.0 | 7 26.41                                           | 3.071               | 0.002                | 0 3 25.9             | 5.82   | 0.42      | 6195           |
| 2402  |       |     | 26.30                                             |                     |                      | 25.3                 |        |           | 3452           |
| 2403  |       | 9.0 | 7 32.10                                           | 3.050               | 0.002                | 0 59 19.2            | 5.82   | 0.42      | 3323           |
| 2404  |       |     | 32.06                                             |                     |                      | 21.1                 |        |           | 5729           |
| 2405  |       | 8.5 | 8 8.96                                            | 3.037               | 0.002                | 1 33 45.9            | 5.88   | 0.42      | 3086           |
| 2406  |       |     | 8.96                                              |                     |                      | 46.2                 |        |           | 6468           |
| 2407  |       | 9.0 | 8 10.08                                           | 3.043               | 0.002                | 1 18 18.8            | 5.88   | 0.42      | 5995           |
| 2408  |       |     | 10.00                                             |                     |                      | 19.6                 |        |           | 6553           |
| 2409  |       | 8.2 | 8 29.57                                           | 3.046               | 0.002                | 1 9 40.1             | 5.90   | 0.42      | 3043           |
| 2410* |       |     | 29.37                                             |                     |                      | 42.1                 |        |           | 3406           |
| 2411  | 2600  | 8.7 | 8 38.93                                           | 3.030               | 0.002                | 1 52 30.8            | 5.92   | 0.41      | 3244           |
| 2412  |       |     | 38.99                                             |                     |                      | 31.1                 |        |           | 3637           |
| 2413  |       | 8.8 | 9 7.31                                            | 3.034               | 0.002                | 1 44 26.1            | 5.96   | 0.41      | 3324           |
| 2414  |       |     | 7.43                                              |                     |                      | 27.7                 |        |           | 3561           |
| 2415  |       | 8.5 | 9 7.60                                            | 3.051               | 0.002                | 0 57 26.7            | 5.96   | 0.42      | 6196           |
| 2416  |       |     | 7.35                                              |                     |                      | 24.1                 |        |           | 3617           |
| 2417  |       | 8.0 | 9 15.13                                           | 3.036               | 0.002                | 1 38 33.9            | 5.97   | 0.42      | 6281           |
| 2418  |       |     | 15.02                                             |                     |                      | 33.8                 |        |           | 6469           |
| 2419  |       | 8.8 | 9 19.69                                           | 3.055               | 0.002                | 0 46 58.6            | 5.97   | 0.42      | 3087           |
| 2420  |       |     | 19.77                                             |                     |                      | 56.4                 |        |           | 3453           |
| 2421  |       | 9.0 | 9 23.73                                           | 3.063               | 0.002                | 0 24 27.3            | 5.98   | 0.42      | 6197           |
| 2422  |       |     | 23.77                                             |                     |                      | 29.1                 |        |           | 5730           |
| 2423  |       | 8.6 | 10 26.24                                          | 3.041               | 0.002                | 1 24 50.6            | 6.07   | 0.42      | 3245           |
| 2424  |       |     | 26.14                                             |                     |                      | 50.6                 |        |           | 3638           |
| 2425  |       | 8.3 | 10 41.64                                          | 3.042               | 0.002                | 1 22 3.0             | 6.09   | 0.42      | 3098           |
| 2426  |       |     | 41.42                                             |                     |                      | 3.4                  |        |           | 3407           |
| 2427  |       |     | 41.44                                             |                     |                      | 4.8                  |        |           | 3562           |
| 2428  | 2616  | 8.7 | 10 59.04                                          | 3.037               | 0.002                | 1 34 7.3             | 6.11   | 0.42      | 3325           |
| 2429  |       |     | 58.97                                             |                     |                      | 7.3                  |        |           | 3454           |
| 2430  |       | 8.7 | 7 11 25.47                                        | 3.043               | —0.002               | —1 19 36.8           | —6.15  | —0.42     | 3044           |

2391. 2393. Obgleich in der Bonner Durchm. getrennt, scheinen diese 2 Sterne identisch zu sein; Bessel u. Struve stimmen mit uns überein. — 2394. Schien sehr eng dupl. zu sein; ist 1043 der Mens. micr.  
2410. Aeusserst schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 2431  |       |     | 7 <sup>h</sup> 11 <sup>m</sup> 25 <sup>s</sup> 73 |        |           | —1° 19' 39" 6        |        |           | 6470           |
| 2432* |       | 9.0 | 11 29.45                                          | 3.036  | —0.002    | 1 37 34.1            | —6" 16 | —0" 42    | 3246           |
| 2433  |       |     | 29.79                                             |        |           | 34.4                 |        |           | 6554           |
| 2434  |       | 8.7 | 11 32.76                                          | 3.034  | 0.002     | 1 45 24.3            | 6.16   | 0.41      | 5996           |
| 2435  |       |     | 32.32                                             |        |           | 23.0                 |        |           | 6592           |
| 2436  |       | 8.8 | 11 33.96                                          | 3.058  | 0.002     | 0 37 60.0            | 6.16   | 0.42      | 6198           |
| 2437  |       |     | 33.73                                             |        |           | 59.3                 |        |           | 3639           |
| 2438  |       | 8.8 | 12 33.02                                          | 3.046  | 0.002     | 1 10 45.3            | 6.24   | 0.42      | 3326           |
| 2439  |       |     | 33.05                                             |        |           | 47.0                 |        |           | 3618           |
| 2440  | 2630  | 9.0 | 12 50.15                                          | 3.033  | 0.002     | 1 47 13.9            | 6.27   | 0.41      | 5997           |
| 2441  |       |     | 50.03                                             |        |           | 17.7                 |        |           | 5731           |
| 2442  |       | 8.3 | 12 50.44                                          | 3.041  | 0.002     | 1 25 45.6            | 6.27   | 0.42      | 6199           |
| 2443  |       |     | 50.45                                             |        |           | 45.6                 |        |           | 3408           |
| 2444  |       | 8.3 | 12 55.58                                          | 3.070  | 0.002     | 0 6 27.4             | 6.27   | 0.42      | 6282           |
| 2445  |       |     | 55.76                                             |        |           | 26.0                 |        |           | 3563           |
| 2446  |       | 8.7 | 13 11.01                                          | 3.057  | 0.002     | 0 40 51.7            | 6.29   | 0.42      | 3247           |
| 2447  |       |     | 11.15                                             |        |           | 49.5                 |        |           | 6471           |
| 2448  |       | 8.7 | 13 30.00                                          | 3.046  | 0.002     | 1 11 18.9            | 6.32   | 0.42      | 6200           |
| 2449  |       |     | 29.96                                             |        |           | 19.5                 |        |           | 6555           |
| 2450  |       | 8.5 | 13 29.80                                          | 3.048  | 0.002     | 1 5 24.7             | 6.32   | 0.42      | 3045           |
| 2451  |       |     | 29.57                                             |        |           | 27.3                 |        |           | 3640           |
| 2452  |       | 9.0 | 14 10.93                                          | 3.039  | 0.002     | 1 29 42.7            | 6.38   | 0.42      | 5998           |
| 2453  |       |     | 10.83                                             |        |           | 43.9                 |        |           | 3455           |
| 2454  |       | 8.7 | 14 14.16                                          | 3.051  | 0.002     | 0 58 33.8            | 6.38   | 0.42      | 3327           |
| 2455  |       |     | 14.22                                             |        |           | 36.1                 |        |           | 3564           |
| 2456  |       | 8.2 | 14 15.63                                          | 3.042  | 0.002     | 1 21 54.8            | 6.38   | 0.42      | 6283           |
| 2457* |       |     | 15.60                                             |        |           | 55.8                 |        |           | 3409           |
| 2458  |       | 8.0 | 14 24.17                                          | 3.058  | 0.002     | 0 36 57.7            | 6.40   | 0.42      | 6201           |
| 2459  |       |     | 24.37                                             |        |           | 57.1                 |        |           | 3619           |
| 2460  |       | 8.8 | 14 47.90                                          | 3.056  | 0.002     | 0 44 32.6            | 6.43   | 0.42      | 3088           |
| 2461  |       |     | 48.02                                             |        |           | 32.3                 |        |           | 3641           |
| 2462  |       | 8.7 | 14 50.08                                          | 3.035  | 0.002     | 1 39 12.7            | 6.43   | 0.42      | 3046           |
| 2463  |       |     | 50.16                                             |        |           | 12.6                 |        |           | 6472           |
| 2464  |       | 9.0 | 14 51.03                                          | 3.069  | 0.002     | 0 7 47.8             | 6.43   | 0.42      | 6369           |
| 2465  |       |     | 51.15                                             |        |           | 49.8                 |        |           | 5732           |
| 2466  |       | 9.0 | 15 53.92                                          | 3.036  | 0.002     | 1 38 12.1            | 6.52   | 0.42      | 3099           |
| 2467  |       |     | 53.60                                             |        |           | 10.8                 |        |           | 3456           |
| 2468  |       | 9.0 | 16 40.33                                          | 3.067  | 0.002     | 0 13 54.8            | 6.58   | 0.42      | 3047           |
| 2469  |       |     | 40.89                                             |        |           | 56.1                 |        |           | 3565           |
| 2470  |       | 9.0 | 17 18.17                                          | 3.031  | 0.002     | 1 52 19.2            | 6.64   | 0.41      | 3248           |
| 2471  |       |     | 18.27                                             |        |           | 19.0                 |        |           | 3457           |
| 2472  |       | 9.0 | 17 22.82                                          | 3.037  | 0.002     | 1 35 39.5            | 6.64   | 0.42      | 3328           |
| 2473  |       |     | 22.86                                             |        |           | 39.3                 |        |           | 3620           |
| 2474  |       | 9.0 | 7 17 22.37                                        | 3.032  | —0.002    | —1 49 60.0           | —6.64  | —0.41     | 6202           |
| 2475  |       |     | 22.47                                             |        |           | 59.3                 |        |           | 3642           |

2432. Sehr schwach. — 2457. An 3 Fäden, verschwand in Wolken.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec.              | Var. sec.            | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|---------------------|----------------------|----------------------|---------|-----------|----------------|
| 2476  |       | 9.0 | 7 <sup>h</sup> 17 <sup>m</sup> 26 <sup>s</sup> .75 | 3 <sup>s</sup> .045 | —0 <sup>s</sup> .002 | —1° 14' 46'' 9       | —6'' 65 | —0'' 42   | 6284           |
| 2477  |       |     | 26.38                                              |                     |                      | 48.0                 |         |           | 6473           |
| 2478  |       | 8.9 | 17 49.20                                           | 3.045               | 0.002                | 1 13 56.9            | 6.68    | 0.42      | 6203           |
| 2479  |       |     | 49.39                                              |                     |                      | 56.4                 |         |           | 3566           |
| 2480  |       | 9.0 | 18 17.96                                           | 3.068               | 0.002                | 0 12 30.4            | 6.72    | 0.42      | 3249           |
| 2481* |       |     | 17.80                                              |                     |                      | 28.8                 |         |           | 3458           |
| 2482  |       | 8.9 | 18 25.49                                           | 3.050               | 0.002                | 1 0 10.4             | 6.73    | 0.42      | 5999           |
| 2483  |       |     | 25.26                                              |                     |                      | 13.3                 |         |           | 5733           |
| 2484  |       |     | 25.18                                              |                     |                      | 11.2                 |         |           | 6556           |
| 2485  |       | 8.9 | 18 32.70                                           | 3.039               | 0.002                | 1 31 16.7            | 6.74    | 0.42      | 3329           |
| 2486  |       |     | 32.75                                              |                     |                      | 16.8                 |         |           | 3643           |
| 2487  |       | 8.6 | 19 25.12                                           | 3.062               | 0.002                | 0 27 55.0            | 6.81    | 0.42      | 6000           |
| 2488  |       |     | 24.81                                              |                     |                      | 54.8                 |         |           | 3621           |
| 2489  |       | 7.7 | 19 39.00                                           | 3.028               | 0.002                | 2 0 1.8              | 6.83    | 0.41      | 3048           |
| 2490  |       |     | 39.04                                              |                     |                      | 3.2                  |         |           | 6474           |
| 2491  |       | 9.0 | 19 40.77                                           | 3.070               | 0.002                | 0 6 57.6             | 6.83    | 0.42      | 3250           |
| 2492  |       |     | 41.01                                              |                     |                      | 55.0                 |         |           | 3644           |
| 2493  |       | 8.0 | 20 11.36                                           | 3.068               | 0.002                | 0 13 18.4            | 6.87    | 0.42      | 3089           |
| 2494  |       |     | 11.13                                              |                     |                      | 19.1                 |         |           | 6557           |
| 2495  |       | 8.7 | 20 16.65                                           | 3.030               | 0.002                | 1 55 59.7            | 6.88    | 0.41      | 3100           |
| 2496  |       |     | 16.66                                              |                     |                      | 59.7                 |         |           | 3459           |
| 2497  | 2689  | 8.8 | 20 22.14                                           | 3.065               | 0.002                | 0 21 10.1            | 6.89    | 0.42      | 3330           |
| 2498  |       |     | 22.05                                              |                     |                      | 12.7                 |         |           | 5734           |
| 2499  |       | 9.0 | 20 30.38                                           | 3.044               | 0.002                | 1 18 15.6            | 6.90    | 0.42      | 6204           |
| 2500  |       |     | 30.01                                              |                     |                      | 16.2                 |         |           | 6475           |
| 2501  |       | 8.9 | 20 37.52                                           | 3.046               | 0.002                | 1 12 13.3            | 6.91    | 0.42      | 6205           |
| 2502  |       |     | 37.95                                              |                     |                      | 12.2                 |         |           | 6594           |
| 2503* |       | 9.0 | 20 37.71                                           | 3.043               | 0.002                | 1 21 44.8            | 6.91    | 0.42      | 6370           |
| 2504  |       |     | 37.62                                              |                     |                      | 47.0                 |         |           | 6558           |
| 2505  |       | 9.0 | 20 38.16                                           | 3.032               | 0.002                | 1 51 2.9             | 6.91    | 0.41      | 6285           |
| 2506  |       |     | 37.95                                              |                     |                      | 2.7                  |         |           | 6593           |
| 2507  |       | 8.8 | 20 55.25                                           | 3.069               | 0.002                | 0 10 8.5             | 6.93    | 0.42      | 6286           |
| 2508* |       |     | 55.21                                              |                     |                      | 9.2                  |         |           | 3622           |
| 2509  |       | 8.7 | 21 25.30                                           | 3.051               | 0.002                | 0 58 19.4            | 6.97    | 0.42      | 3049           |
| 2510  |       |     | 25.52                                              |                     |                      | 20.9                 |         |           | 3567           |
| 2511  |       | 9.0 | 21 40.16                                           | 3.042               | 0.002                | 1 24 12.3            | 7.00    | 0.42      | 6001           |
| 2512  |       |     | 39.84                                              |                     |                      | 11.3                 |         |           | 3645           |
| 2513  |       | 8.7 | 21 46.80                                           | 3.042               | 0.002                | 1 23 28.8            | 7.00    | 0.42      | 3090           |
| 2514  |       |     | 46.67                                              |                     |                      | 25.6                 |         |           | 3331           |
| 2515  |       |     | 46.83                                              |                     |                      | 27.7                 |         |           | 3460           |
| 2516  |       | 9.0 | 22 9.73                                            | 3.052               | 0.002                | 0 55 21.6            | 7.04    | 0.42      | 3251           |
| 2517  |       |     | 9.64                                               |                     |                      | 21.5                 |         |           | 6476           |
| 2518  |       | 8.8 | 22 12.94                                           | 3.061               | 0.002                | 0 30 50.4            | 7.04    | 0.42      | 6206           |
| 2519  |       |     | 13.17                                              |                     |                      | 50.3                 |         |           | 5735           |
| 2520  |       | 9.0 | 7 22 32.18                                         | 3.041               | —0.002               | —1 26 12.0           | —7.07   | —0.42     | 3101           |

2481. Sehr schwach. — 2503. Sehr schwach. — 2508. Decl. etwas unsicher.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 2521  |       |     | 7 <sup>h</sup> 22 <sup>m</sup> 31 <sup>s</sup> .84 |        |           | —1° 26' 13'' 0       |         |           | 6559           |
| 2522  |       | 9.0 | 22 40.08                                           | 3.059  | —0.002    | 0 37 31.5            | —7'' 08 | —0'' 42   | 6287           |
| 2523  |       |     | 40.08                                              |        |           | 31.1                 |         |           | 6595           |
| 2524  |       | 8.7 | 22 41.78                                           | 3.050  | 0.002     | 1 0 34.7             | 7.08    | 0.42      | 3050           |
| 2525  |       |     | 41.86                                              |        |           | 38.4                 |         |           | 6608           |
| 2526  |       | 9.0 | 22 42.48                                           | 3.038  | 0.002     | 1 34 9.1             | 7.08    | 0.42      | 3332           |
| 2527  |       |     | 42.46                                              |        |           | 8.9                  |         |           | 6371           |
| 2528  |       |     | 42.32                                              |        |           | 9.0                  |         |           | 6477           |
| 2529  |       | 9.0 | 22 55.79                                           | 3.037  | 0.002     | 1 35 17.5            | 7.10    | 0.42      | 6397           |
| 2530  |       |     | 55.82                                              |        |           | 17.9                 |         |           | 6596           |
| 2531  |       | 6.5 | 22 59.47                                           | 3.036  | 0.002     | 1 38 59.5            | 7.10    | 0.42      | 3252           |
| 2532  |       |     | 59.50                                              |        |           | 58.7                 |         |           | 3410           |
| 2533  |       | 8.7 | 23 24.04                                           | 3.056  | 0.002     | 0 44 20.5            | 7.14    | 0.42      | 3091           |
| 2534  |       |     | 24.06                                              |        |           | 18.4                 |         |           | 3646           |
| 2535* |       | 9.0 | 23 29.03                                           | 3.065  | 0.002     | 0 20 52.2            | 7.16    | 0.42      | 3461           |
| 2536  |       |     | 29.18                                              |        |           | 55.0                 |         |           | 6609           |
| 2537  |       | 8.8 | 23 33.45                                           | 3.045  | 0.002     | 1 14 28.9            | 7.15    | 0.42      | 6288           |
| 2538* |       |     | 33.27                                              |        |           | 29.3                 |         |           | 6560           |
| 2539  |       | 9.0 | 24 7.98                                            | 3.064  | 0.002     | 0 22 18.8            | 7.20    | 0.42      | 6207           |
| 2540* |       |     | 8.14                                               |        |           | 18.4                 |         |           | 6398           |
| 2541  |       |     | 8.02                                               |        |           | 19.8                 |         |           | 3799           |
| 2542* |       |     | 7.76                                               |        |           | 20.9                 |         |           | 6610           |
| 2543* | 2722  | 8.5 | 24 24.34                                           | 3.053  | 0.002     | 0 51 39.4            | 7.22    | 0.42      | 3051           |
| 2544  |       |     | 24.40                                              |        |           | 41.1                 |         |           | 3623           |
| 2545  |       | 8.2 | 24 40.87                                           | 3.031  | 0.002     | 1 54 16.3            | 7.24    | 0.41      | 3102           |
| 2546  |       |     | 40.52                                              |        |           | 17.2                 |         |           | 3411           |
| 2547  | 2724  | 7.5 | 24 55.86                                           | 3.053  | 0.002     | 0 51 53.3            | 7.26    | 0.42      | 3253           |
| 2548  |       |     | 56.06                                              |        |           | 53.5                 |         |           | 3568           |
| 2549* | 2732  | 9.0 | 25 31.19                                           | 3.067  | 0.003     | 0 15 43.7            | 7.31    | 0.41      | 3333           |
| 2550* |       |     | 31.33                                              |        |           | 42.4                 |         |           | 3462           |
| 2551  |       | 9.0 | 25 55.76                                           | 3.070  | 0.003     | 0 7 22.6             | 7.34    | 0.41      | 6289           |
| 2552  |       |     | 55.91                                              |        |           | 20.0                 |         |           | 3647           |
| 2553  |       | 8.3 | 26 3.62                                            | 3.067  | 0.003     | 0 15 8.2             | 7.35    | 0.41      | 3092           |
| 2554  |       |     | 3.38                                               |        |           | 9.8                  |         |           | 3412           |
| 2555  |       | 9.0 | 26 16.36                                           | 3.031  | 0.003     | 1 54 18.9            | 7.36    | 0.40      | 3254           |
| 2556  |       |     | 16.21                                              |        |           | 19.2                 |         |           | 3800           |
| 2557  |       | 8.8 | 26 28.80                                           | 3.039  | 0.003     | 1 32 30.4            | 7.39    | 0.41      | 6290           |
| 2558  |       |     | 28.88                                              |        |           | 30.2                 |         |           | 3624           |
| 2559  |       | 7.7 | 26 30.64                                           | 3.034  | 0.003     | 1 46 6.5             | 7.39    | 0.41      | 3052           |
| 2560  |       |     | 30.68                                              |        |           | 9.0                  |         |           | 3569           |
| 2561  |       | 8.8 | 26 57.33                                           | 3.043  | 0.003     | 1 20 43.8            | 7.43    | 0.41      | 3103           |
| 2562  |       |     | 57.28                                              |        |           | 42.3                 |         |           | 3463           |
| 2563  |       | 9.0 | 27 4.94                                            | 3.052  | 0.003     | 0 54 21.9            | 7.44    | 0.41      | 3334           |
| 2564  |       |     | 4.95                                               |        |           | 20.9                 |         |           | 3648           |
| 2565  |       | 9.0 | 7 27 44.38                                         | 3.049  | —0.003    | —1 4 34.1            | —7.49   | —0.41     | 6208           |

2535. Sehr schwach. — 2538. Nur an 2 Fäden. — 2540. Wolken. — 2542. Sehr hell für 9<sup>m</sup>o. — 2543. Dupl. den vorangehenden u. schwächeren beob. — 2549. Dupl. d = 1''5. — 2550. Dupl. d = 3''0, Mitte beobachtet.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 2566  |       |     | 7 <sup>h</sup> 27 <sup>m</sup> 44 <sup>s</sup> 27 |        |           | — 1° 4' 35" 3        |         |           | 6478           |
| 2567  |       | 8.9 | 27 54.87                                          | 3.056  | — 0.003   | 0 44 20.6            | — 7" 50 | — 0" 41   | 3255           |
| 2568  |       |     | 54.74                                             |        |           | 20.3                 |         |           | 3625           |
| 2569  | 2749  | 8.2 | 27 58.93                                          | 3.050  | 0.003     | 1 2 54.2             | 7.51    | 0.41      | 3093           |
| 2570  |       |     | 58.81                                             |        |           | 55.5                 |         |           | 3413           |
| 2571  |       | 8.8 | 28 42.55                                          | 3.028  | 0.003     | 2 4 10.0             | 7.57    | 0.40      | 3053           |
| 2572  |       |     | 42.41                                             |        |           | 12.5                 |         |           | 3464           |
| 2573  |       | 9.0 | 29 48.32                                          | 3.067  | 0.003     | 0 15 17.6            | 7.66    | 0.41      | 3104           |
| 2574  |       |     | 47.88                                             |        |           | 17.0                 |         |           | 3649           |
| 2575  |       | 9.0 | 30 9.91                                           | 3.037  | 0.003     | 1 37 33.2            | 7.69    | 0.41      | 3256           |
| 2576  |       |     | 9.90                                              |        |           | 31.6                 |         |           | 3465           |
| 2577  |       | 8.3 | 30 51.67                                          | 3.052  | 0.003     | 0 55 14.1            | 7.74    | 0.41      | 3054           |
| 2578  |       |     | 51.48                                             |        |           | 14.6                 |         |           | 3414           |
| 2579  |       | 9.0 | 31 1.93                                           | 3.041  | 0.003     | 1 28 32.2            | 7.76    | 0.41      | 6209           |
| 2580  |       |     | 1.81                                              |        |           | 32.2                 |         |           | 6479           |
| 2581  |       |     | 1.69                                              |        |           | 33.2                 |         |           | 6597           |
| 2582  |       | 8.8 | 31 9.90                                           | 3.057  | 0.003     | 0 42 40.9            | 7.77    | 0.41      | 6291           |
| 2583  |       |     | 9.68                                              |        |           | 39.0                 |         |           | 3650           |
| 2584  |       | 8.0 | 31 9.93                                           | 3.034  | 0.003     | 1 45 27.8            | 7.77    | 0.41      | 4061           |
| 2585  |       |     | 9.96                                              |        |           | 30.7                 |         |           | 3570           |
| 2586  |       | 8.5 | 31 13.51                                          | 3.049  | 0.003     | 1 3 47.4             | 7.78    | 0.41      | 3257           |
| 2587  |       |     | 13.66                                             |        |           | 45.8                 |         |           | 6561           |
| 2588  |       | 8.8 | 31 19.89                                          | 3.069  | 0.003     | 0 9 31.2             | 7.78    | 0.41      | 6372           |
| 2589  |       |     | 19.90                                             |        |           | 34.5                 |         |           | 6480           |
| 2590  |       | 8.2 | 32 22.43                                          | 3.047  | 0.003     | 1 10 12.0            | 7.87    | 0.41      | 3335           |
| 2591  |       |     | 22.36                                             |        |           | 14.0                 |         |           | 3415           |
| 2592  |       | 9.0 | 32 43.61                                          | 3.063  | 0.003     | 0 24 41.4            | 7.89    | 0.41      | 6210           |
| 2593  |       |     | 43.55                                             |        |           | 39.9                 |         |           | 3466           |
| 2594  |       | 9.0 | 33 7.69                                           | 3.054  | 0.003     | 0 52 7.5             | 7.93    | 0.41      | 6292           |
| 2595  |       |     | 7.79                                              |        |           | 7.1                  |         |           | 3651           |
| 2596* |       | 9.3 | 33 28.13                                          | 3.046  | 0.003     | 1 13 43.6            | 7.95    | 0.41      | 6481           |
| 2597  |       | 8.0 | 33 40.10                                          | 3.038  | 0.003     | 1 35 21.6            | 7.97    | 0.41      | 3336           |
| 2598  |       |     | 39.75                                             |        |           | 22.1                 |         |           | 3416           |
| 2599  |       | 9.0 | 33 44.41                                          | 3.048  | 0.003     | 1 7 50.5             | 7.98    | 0.41      | 6211           |
| 2600  |       | 9.0 | 33 45.50                                          | 3.045  | 0.003     | 1 15 19.4            | 7.98    | 0.41      | 6562           |
| 2601* |       |     | 45.78                                             |        |           | 19.8                 |         |           | 6611           |
| 2602* |       | 9.3 | 33 47.91                                          | 3.041  | 0.003     | 1 26 57.8            | 7.98    | 0.41      | 3801           |
| 2603  |       | 9.0 | 33 55.49                                          | 3.061  | 0.003     | 0 32 16.4            | 7.99    | 0.41      | 6293           |
| 2604  |       |     | 55.54                                             |        |           | 15.6                 |         |           | 3467           |
| 2605  |       | 8.5 | 34 11.73                                          | 3.039  | 0.003     | 1 32 32.3            | 8.01    | 0.41      | 6294           |
| 2606  |       |     | 11.82                                             |        |           | 31.8                 |         |           | 3950           |
| 2607  |       | 8.8 | 34 13.89                                          | 3.053  | 0.003     | 0 53 39.9            | 8.01    | 0.41      | 6212           |
| 2608  |       |     | 13.85                                             |        |           | 40.8                 |         |           | 3652           |
| 2609  |       | 9.0 | 7 34 32.30                                        | 3.064  | — 0.003   | — 0 24 50.9          | — 8.04  | — 0.41    | 3337           |
| 2610  |       |     | 31.41                                             |        |           | 52.0                 |         |           | 6482           |

2596. Bonner Durchm. — 1° Nr. 1792. — 2601. Schwächer als 2596. — 2602. Bonner Durchm. — 1° Nr. 1796.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec.              | Var. sec.            | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|---------------------|----------------------|----------------------|--------|-----------|----------------|
| 2611  |       | 9.0 | 7 <sup>h</sup> 34 <sup>m</sup> 42 <sup>s</sup> .63 | 3 <sup>s</sup> .048 | —0 <sup>s</sup> .003 | —1° 6' 37" 4         | —8" 05 | —0" 41    | 3258           |
| 2612  |       |     | 42.56                                              |                     |                      | 38. 1                |        |           | 6563           |
| 2613  |       | 8.5 | 34 58.20                                           | 3.045               | 0.003                | 1 15 7. 7            | 8. 07  | 0. 41     | 3055           |
| 2614* |       |     | 57.97                                              |                     |                      | 9. 0                 |        |           | 3417           |
| 2615  |       | 9.0 | 35 22.78                                           | 3.050               | 0.003                | 1 1 40. 2            | 8. 11  | 0. 41     | 3105           |
| 2616  |       |     | 22.48                                              |                     |                      | 40. 3                |        |           | 3468           |
| 2617  |       | 8.8 | 36 3.51                                            | 3.061               | 0.003                | 0 31 32. 1           | 8. 16  | 0. 40     | 3338           |
| 2618  |       |     | 3.33                                               |                     |                      | 32. 8                |        |           | 3802           |
| 2619  |       | 9.0 | 36 6.74                                            | 3.037               | 0.003                | 1 39 1. 7            | 8. 17  | 0. 40     | 6295           |
| 2620  |       |     | 6.79                                               |                     |                      | 0. 3                 |        |           | 6483           |
| 2621  |       | 9.0 | 36 18.86                                           | 3.033               | 0.003                | 1 51 30. 7           | 8. 18  | 0. 40     | 3259           |
| 2622  |       |     | 18.93                                              |                     |                      | 32. 2                |        |           | 3653           |
| 2623  |       | 9.0 | 37 2.73                                            | 3.047               | 0.003                | 1 12 44. 9           | 8. 24  | 0. 40     | 3106           |
| 2624  |       |     | 2.69                                               |                     |                      | 45. 6                |        |           | 3469           |
| 2625  |       | 9.0 | 37 21.54                                           | 3.032               | 0.003                | 1 55 15. 6           | 8. 26  | 0. 39     | 6213           |
| 2626  |       |     | 21.58                                              |                     |                      | 16. 2                |        |           | 3803           |
| 2627  |       | 8.8 | 37 24.02                                           | 3.054               | 0.003                | 0 52 22. 2           | 8. 27  | 0. 40     | 6296           |
| 2628  |       |     | 24.00                                              |                     |                      | 20. 7                |        |           | 6484           |
| 2629  |       | 8.2 | 37 25.58                                           | 3.050               | 0.003                | 1 3 7. 6             | 8. 27  | 0. 40     | 3056           |
| 2630  |       |     | 25.47                                              |                     |                      | 9. 9                 |        |           | 3418           |
| 2631  |       | 9.0 | 37 52.47                                           | 3.064               | 0.003                | 0 25 24. 5           | 8. 31  | 0. 40     | 3260           |
| 2632  |       |     | 52.55                                              |                     |                      | 22. 6                |        |           | 3654           |
| 2633  |       | 9.0 | 38 26.87                                           | 3.058               | 0.003                | 0 40 37. 1           | 8. 35  | 0. 40     | 3339           |
| 2634  |       |     | 26.79                                              |                     |                      | 38. 5                |        |           | 3470           |
| 2635  |       | 9.0 | 38 28.19                                           | 3.066               | 0.003                | 0 18 13. 8           | 8. 35  | 0. 40     | 6214           |
| 2636  |       |     | 27.95                                              |                     |                      | 12. 0                |        |           | 6485           |
| 2637  |       | 8.5 | 38 33.96                                           | 3.050               | 0.003                | 1 1 57. 2            | 8. 36  | 0. 40     | 6373           |
| 2638  |       |     | 33.88                                              |                     |                      | 57. 3                |        |           | 3419           |
| 2639  |       | 9.0 | 38 40.03                                           | 3.029               | 0.003                | 2 3 40. 8            | 8. 37  | 0. 39     | 6399           |
| 2640  |       |     | 40.09                                              |                     |                      | 38. 1                |        |           | 6564           |
| 2641  |       | 9.0 | 38 48.82                                           | 3.067               | 0.003                | 0 15 57. 1           | 8. 38  | 0. 40     | 6374           |
| 2642  |       |     | 49.24                                              |                     |                      | 57. 2                |        |           | 3804           |
| 2643  | 2818  | 8.0 | 38 55.21                                           | 3.070               | 0.003                | 0 8 16. 2            | 8. 39  | 0. 40     | 4062           |
| 2644  |       |     | 55.15                                              |                     |                      | 17. 1                |        |           | 3571           |
| 2645  |       | 8.0 | 38 59.10                                           | 3.068               | 0.003                | 0 12 48. 5           | 8. 39  | 0. 40     | 3107           |
| 2646  |       |     | 59.12                                              |                     |                      | 48. 3                |        |           | 3951           |
| 2647  |       | 9.0 | 39 3.67                                            | 3.044               | 0.003                | 1 20 29. 5           | 8. 40  | 0. 40     | 6297           |
| 2648  |       |     | 3.65                                               |                     |                      | 29. 9                |        |           | 6565           |
| 2649  |       | 8.8 | 39 57.52                                           | 3.055               | 0.003                | 0 48 39. 4           | 8. 47  | 0. 40     | 3057           |
| 2650  |       |     | 57.44                                              |                     |                      | 41. 0                |        |           | 3471           |
| 2651* |       | 9.0 | 41 15.92                                           | 3.031               | 0.003                | 1 56 37. 4           | 8. 57  | 0. 39     | 3108           |
| 2652  |       |     | 15.65                                              |                     |                      | 37. 5                |        |           | 3472           |
| 2653  |       | 8.5 | 42 14.42                                           | 3.064               | 0.003                | 0 26 7. 5            | 8. 65  | 0. 40     | 3058           |
| 2654  |       |     | 14.27                                              |                     |                      | 7. 7                 |        |           | 3420           |
| 2655  |       | 9.0 | 7 42 34.18                                         | 3.038               | —0.003               | —1 37 40. 7          | —8. 68 | —0. 40    | 3261           |

2614. Sehr schwach. — 2651. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|--------|-----------|----------------|
| 2656  |       | 8.7 | 7 <sup>h</sup> 42 <sup>m</sup> 34 <sup>s</sup> 29 |                    |                     | —1° 37' 39" 3        |        |           | 3655           |
| 2657  |       |     | 42 54.80                                          | 3 <sup>s</sup> 043 | —0 <sup>s</sup> 003 | 1 22 5.5             | —8" 71 | —0" 40    | 3340           |
| 2658  |       |     | 54.73                                             |                    |                     | 8.4                  |        |           | 3626           |
| 2659  |       | 9.0 | 43 2.40                                           | 3.041              | 0.003               | 1 30 32.9            | 8.72   | 0.40      | 3109           |
| 2660  |       |     | 2.35                                              |                    |                     | 34.4                 |        |           | 3473           |
| 2661  |       | 8.7 | 43 31.00                                          | 3.035              | 0.003               | 1 45 11.1            | 8.75   | 0.40      | 3059           |
| 2662  |       |     | 31.20                                             |                    |                     | 12.0                 |        |           | 3952           |
| 2663* |       | 9.0 | 43 36.40                                          | 3.048              | 0.003               | 1 9 22.3             | 8.76   | 0.40      | 6215           |
| 2664  |       |     | 38.06                                             |                    |                     | 21.6                 |        |           | 3805           |
| 2665  |       |     | 37.84                                             |                    |                     | 21.2                 |        |           | 6486           |
| 2666  |       | 9.0 | 43 39.44                                          | 3.031              | 0.003               | 1 57 36.5            | 8.76   | 0.39      | 3262           |
| 2667  |       |     | 39.61                                             |                    |                     | 34.9                 |        |           | 6566           |
| 2668  |       | 8.0 | 43 46.59                                          | 3.043              | 0.003               | 1 22 3.8             | 8.77   | 0.40      | 3341           |
| 2669  |       |     | 46.70                                             |                    |                     | 8.1                  |        |           | 3572           |
| 2670  |       | 8.2 | 43 53.37                                          | 3.048              | 0.003               | 1 8 41.8             | 8.78   | 0.40      | 4063           |
| 2671  |       |     | 53.27                                             |                    |                     | 43.9                 |        |           | 3656           |
| 2672  |       | 8.5 | 44 14.18                                          | 3.045              | 0.003               | 1 17 41.5            | 8.81   | 0.40      | 6298           |
| 2673  |       |     | 13.77                                             |                    |                     | 44.9                 |        |           | 3421           |
| 2674  |       | 8.7 | 44 29.82                                          | 3.050              | 0.003               | 1 2 61.1             | 8.83   | 0.40      | 6216           |
| 2675  |       |     | 29.50                                             |                    |                     | 59.3                 |        |           | 3474           |
| 2676  |       | 8.5 | 45 1.65                                           | 3.035              | 0.003               | 1 44 45.1            | 8.87   | 0.39      | 3110           |
| 2677  |       |     | 1.32                                              |                    |                     | 48.0                 |        |           | 3627           |
| 2678  |       | 8.5 | 46 21.36                                          | 3.031              | 0.003               | 1 57 24.5            | 8.97   | 0.39      | 4064           |
| 2679* |       |     | 21.12                                             |                    |                     | 25.5                 |        |           | 3422           |
| 2680  |       | 8.8 | 46 21.68                                          | 3.042              | 0.003               | 1 27 20.7            | 8.98   | 0.39      | 6217           |
| 2681* |       |     | 21.42                                             |                    |                     | 19.7                 |        |           | 3475           |
| 2682  | 2867  | 8.3 | 46 36.94                                          | 3.049              | 0.003               | 1 6 59.8             | 9.00   | 0.39      | 3111           |
| 2683  |       |     | 37.02                                             |                    |                     | 61.7                 |        |           | 3573           |
| 2684  |       | 8.5 | 46 39.18                                          | 3.037              | 0.003               | 1 41 35.8            | 9.01   | 0.39      | 3263           |
| 2685  |       |     | 39.22                                             |                    |                     | 35.4                 |        |           | 3657           |
| 2686  |       | 8.3 | 46 40.27                                          | 3.056              | 0.003               | 0 45 34.8            | 9.01   | 0.39      | 3342           |
| 2687  |       |     | 40.14                                             |                    |                     | 36.1                 |        |           | 3806           |
| 2688  |       | 8.8 | 47 9.34                                           | 3.032              | 0.003               | 1 55 12.6            | 9.04   | 0.39      | 6299           |
| 2689  |       |     | 8.98                                              |                    |                     | 12.4                 |        |           | 3658           |
| 2690  |       | 9.0 | 47 34.51                                          | 3.071              | 0.003               | 0 2 46.4             | 9.07   | 0.39      | 6218           |
| 2691  |       |     | 34.50                                             |                    |                     | 46.4                 |        |           | 3953           |
| 2692* |       | 9.0 | 47 42.80                                          | 3.031              | 0.003               | 2 2 20.8             | 9.08   | 0.38      | 6375           |
| 2693  |       |     | 42.77                                             |                    |                     | 20.1                 |        |           | 6487           |
| 2694  |       | 9.0 | 47 44.53                                          | 3.040              | 0.003               | 1 35 35.8            | 9.09   | 0.39      | 6300           |
| 2695  |       |     | 44.45                                             |                    |                     | 34.9                 |        |           | 3476           |
| 2696  |       | 7.8 | 48 15.47                                          | 3.050              | 0.003               | 1 5 7.0              | 9.12   | 0.39      | 3060           |
| 2697  |       |     | 15.43                                             |                    |                     | 7.7                  |        |           | 3628           |
| 2698  | 2880  | 8.7 | 48 19.69                                          | 3.066              | 0.003               | 0 17 52.6            | 9.13   | 0.39      | 3343           |
| 2699* |       |     | 19.16                                             |                    |                     | 52.6                 |        |           | 3423           |
| 2700  |       | 8.7 | 7 48 23.55                                        | 3.069              | —0.003              | —0 10 1.8            | —9.14  | —0.39     | 4065           |

2663. A. R. gänzlich unzuverlässig. — 2679. Verschwand zuweilen. — 2681. Sehr schwach. — 2692. Sehr schwach, beide Coordinaten etwas unsicher, an 3 Fäden, die schlecht stimmen. — 2699. Zuweilen äusserst schwach, Wolken.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 2701  |       |     | 7 <sup>h</sup> 48 <sup>m</sup> 23 <sup>s</sup> .63 |        |           | —10° 0' 2" 3         |        |           | 6567           |
| 2702  |       | 8.7 | 48 29.74                                           | 3.064  | —0.003    | 0 25 53.4            | —9" 14 | —0" 39    | 4155           |
| 2703  |       |     | 29.69                                              |        |           | 54.6                 |        |           | 6598           |
| 2704  |       | 8.8 | 48 30.13                                           | 3.041  | 0.003     | 1 30 27.0            | 9. 14  | 0. 39     | 6219           |
| 2705* |       |     | 29.74                                              |        |           | 26.4                 |        |           | 6488           |
| 2706  |       |     | 29.98                                              |        |           | 28.0                 |        |           | 6568           |
| 2707  |       | 8.8 | 48 40.01                                           | 3.043  | 0.003     | 1 24 53.2            | 9. 16  | 0. 39     | 3264           |
| 2708  |       |     | 39.86                                              |        |           | 52.6                 |        |           | 3659           |
| 2709  |       | 8.8 | 48 46.90                                           | 3.033  | 0.003     | 1 55 34.1            | 9. 17  | 0. 39     | 3112           |
| 2710  |       |     | 46.85                                              |        |           | 34.4                 |        |           | 3477           |
| 2711  |       | 8.2 | 49 14.49                                           | 3.034  | 0.003     | 1 51 43.1            | 9. 20  | 0. 39     | 3094           |
| 2712  |       |     | 14.48                                              |        |           | 44.5                 |        |           | 3574           |
| 2713  |       | 9.0 | 49 47.95                                           | 3.040  | 0.003     | 1 32 45.8            | 9. 24  | 0. 39     | 3344           |
| 2714  |       |     | 47.92                                              |        |           | 49.4                 |        |           | 6599           |
| 2715  |       | 8.5 | 50 5.21                                            | 3.058  | 0.003     | 0 41 39.8            | 9. 27  | 0. 39     | 3061           |
| 2716  |       |     | 5.13                                               |        |           | 40.2                 |        |           | 3424           |
| 2717  |       | 8.5 | 50 30.76                                           | 3.063  | 0.003     | 0 28 39.7            | 9. 30  | 0. 39     | 3113           |
| 2718  |       |     | 30.61                                              |        |           | 39.2                 |        |           | 3478           |
| 2719  | 2899  | 7.5 | 51 3.19                                            | 3.066  | 0.003     | 0 18 9.8             | 9. 34  | 0. 39     | 3095           |
| 2720  |       |     | 3.34                                               |        |           | 10.5                 |        |           | 3578           |
| 2721  |       | 8.3 | 51 4.83                                            | 3.046  | 0.003     | 1 16 50.5            | 9. 34  | 0. 39     | 3265           |
| 2722  |       |     | 4.70                                               |        |           | 50.3                 |        |           | 3660           |
| 2723  |       | 8.2 | 51 7.86                                            | 3.052  | 0.003     | 0 58 44.7            | 9. 35  | 0. 39     | 4066           |
| 2724  |       |     | 8.06                                               |        |           | 44.3                 |        |           | 3807           |
| 2725  |       | 8.5 | 51 36.94                                           | 3.062  | 0.003     | 0 28 49.3            | 9. 38  | 0. 39     | 3062           |
| 2726  |       |     | 36.71                                              |        |           | 50.0                 |        |           | 3425           |
| 2727  |       | 9.0 | 51 40.82                                           | 3.046  | 0.003     | 1 18 36.0            | 9. 39  | 0. 39     | 6220           |
| 2728  |       |     | 40.84                                              |        |           | 37.6                 |        |           | 3661           |
| 2729  |       | 9.0 | 51 51.30                                           | 3.064  | 0.003     | 0 24 35.6            | 9. 40  | 0. 39     | 6221           |
| 2730  |       |     | 51.12                                              |        |           | 35.4                 |        |           | 3479           |
| 2731  |       | 9.0 | 52 10.57                                           | 3.032  | 0.003     | 1 57 19.5            | 9. 43  | 0. 39     | 4067           |
| 2732  |       |     | 10.66                                              |        |           | 21.7                 |        |           | 3954           |
| 2733  | 2908  | 9.0 | 52 31.92                                           | 3.046  | 0.003     | 1 16 38.5            | 9. 46  | 0. 39     | 3266           |
| 2734  |       |     | 31.93                                              |        |           | 38.0                 |        |           | 6489           |
| 2735  |       | 8.0 | 52 37.63                                           | 3.070  | 0.003     | 0 6 20.7             | 9. 46  | 0. 39     | 3114           |
| 2736  |       |     | 37.48                                              |        |           | 21.9                 |        |           | 3575           |
| 2737  |       | 9.0 | 53 36.35                                           | 3.044  | 0.003     | 1 23 21.4            | 9. 54  | 0. 39     | 3345           |
| 2738  |       |     | 36.29                                              |        |           | 21.1                 |        |           | 3480           |
| 2739  |       | 8.0 | 53 39.13                                           | 3.042  | 0.003     | 1 27 28.6            | 9. 54  | 0. 39     | 3063           |
| 2740  |       |     | 39.07                                              |        |           | 27.7                 |        |           | 3662           |
| 2741  |       | 9.0 | 54 23.27                                           | 3.065  | 0.003     | 0 21 56.7            | 9. 60  | 0. 39     | 3115           |
| 2742  |       |     | 22.99                                              |        |           | 56.2                 |        |           | 3663           |
| 2743  |       | 9.0 | 54 33.53                                           | 3.035  | 0.003     | 1 46 19.1            | 9. 61  | 0. 39     | 3267           |
| 2744  |       |     | 33.37                                              |        |           | 17.9                 |        |           | 3481           |
| 2745  | 2922  | 5.3 | 7 54 51.92                                         | 3.051  | —0.003    | —1 2 48.7            | —9. 64 | —0. 39    | 3096           |

2705. Nur an 2 Fäden.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 2746  |       |     | 7 <sup>h</sup> 54 <sup>m</sup> 51 <sup>s</sup> .44 |        |           | —1° 2' 48''8         |        |           | 3426           |
| 2747  |       | 9.0 | 55 44.58                                           | 3.056  | —0.004    | 0 46 43.7            | —9''70 | —0''39    | 6222           |
| 2748  |       |     | 44.72                                              |        |           | 45.0                 |        |           | 3955           |
| 2749  |       | 8.6 | 55 45.02                                           | 3.033  | 0.003     | 1 56 13.2            | 9.70   | 0.39      | 3064           |
| 2750  |       |     | 44.92                                              |        |           | 14.1                 |        |           | 3576           |
| 2751  |       | 9.0 | 55 48.41                                           | 3.059  | 0.004     | 0 37 8.7             | 9.71   | 0.39      | 3268           |
| 2752* |       |     | 48.32                                              |        |           | 8.2                  |        |           | 6490           |
| 2753  |       | 8.0 | 56 21.66                                           | 3.030  | 0.003     | 2 2 59.6             | 9.75   | 0.39      | 3116           |
| 2754  |       |     | 21.47                                              |        |           | 62.0                 |        |           | 3427           |
| 2755  |       | 9.0 | 56 24.81                                           | 3.041  | 0.004     | 1 30 9.3             | 9.75   | 0.39      | 6301           |
| 2756  |       |     | 24.59                                              |        |           | 9.6                  |        |           | 3482           |
| 2757  |       | 9.0 | 56 49.07                                           | 3.036  | 0.004     | 1 45 52.4            | 9.78   | 0.39      | 6223           |
| 2758* |       |     | 48.83                                              |        |           | 50.4                 |        |           | 6491           |
| 2759  |       | 8.3 | 57 7.59                                            | 3.056  | 0.004     | 0 48 21.0            | 9.81   | 0.39      | 4068           |
| 2760  |       |     | 7.72                                               |        |           | 23.0                 |        |           | 3577           |
| 2761  |       | 9.0 | 57 14.78                                           | 3.037  | 0.004     | 1 41 58.2            | 9.82   | 0.39      | 6302           |
| 2762  |       |     | 14.79                                              |        |           | 57.4                 |        |           | 3664           |
| 2763  |       | 9.0 | 57 28.58                                           | 3.039  | 0.004     | 1 39 0.1             | 9.84   | 0.39      | 3269           |
| 2764  |       |     | 28.54                                              |        |           | 1.5                  |        |           | 3956           |
| 2765  |       | 8.5 | 57 54.32                                           | 3.042  | 0.004     | 1 30 5.3             | 9.87   | 0.39      | 3065           |
| 2766  |       |     | 54.13                                              |        |           | 6.0                  |        |           | 3483           |
| 2767  | 2944  | 8.0 | 58 7.71                                            | 3.047  | 0.004     | 1 14 35.7            | 9.89   | 0.39      | 3117           |
| 2768* |       |     | 7.37                                               |        |           | 39.5                 |        |           | 3957           |
| 2769* |       | 9.0 | 58 30.57                                           | 3.059  | 0.004     | 0 39 18.1            | 9.91   | 0.39      | 4156           |
| 2770  |       |     | 30.60                                              |        |           | 18.0                 |        |           | 3665           |
| 2771* |       | 9.0 | 58 31.07                                           | 3.039  | 0.004     | 1 40 58.5            | 9.91   | 0.39      | 4069           |
| 2772  |       |     | 31.01                                              |        |           | 60.1                 |        |           | 3629           |
| 2773  |       | 9.0 | 59 11.27                                           | 3.060  | 0.004     | 0 35 58.7            | 9.96   | 0.39      | 6224           |
| 2774* |       |     | 10.93                                              |        |           | 55.7                 |        |           | 3484           |
| 2775  |       | 6.8 | 59 26.68                                           | 3.068  | 0.004     | 0 13 7.9             | 9.98   | 0.39      | 3097           |
| 2776  |       |     | 26.54                                              |        |           | 7.2                  |        |           | 3428           |
| 2777* |       | 9.5 | 59 30.02                                           | 3.046  | 0.004     | 1 18 58.2            | 9.99   | 0.39      | 6376           |
| 2778* |       | 9.0 | 59 32.17                                           | 3.044  | 0.004     | 1 24 18.6            |        |           | 6400           |
| 2779* |       |     | 32.10                                              |        |           | 24.3                 | 9.99   | 0.39      | 6492           |
| 2780  |       | 8.5 | 7 59 40.32                                         | 3.064  | 0.004     | 0 25 7.2             |        |           | 3066           |
| 2781  |       |     | 40.12                                              |        |           | 8.9                  |        |           | 3808           |
| 2782  |       | 7.8 | 8 0 7.78                                           | 3.031  | 0.003     | 2 2 17.3             | 10.04  | 0.39      | 2955           |
| 2783  |       |     | 7.89                                               |        |           | 15.6                 |        |           | 3958           |
| 2784  |       | 9.0 | 0 8.43                                             | 3.033  | 0.003     | 1 57 25.6            | 10.04  | 0.39      | 3270           |
| 2785  |       |     | 8.75                                               |        |           | 24.5                 |        |           | 3666           |
| 2786  | 2959  | 8.0 | 0 31.51                                            | 3.046  | 0.004     | 1 17 22.6            | 10.07  | 0.39      | 4070           |
| 2787  |       |     | 31.68                                              |        |           | 25.2                 |        |           | 3579           |
| 2788* |       | 9.0 | 0 52.48                                            | 3.063  | 0.004     | 0 26 43.3            | 10.09  | 0.39      | 6303           |
| 2789* |       |     | 52.59                                              |        |           | 42.7                 |        |           | 6569           |
| 2790  |       | 8.1 | 8 1 35.18                                          | 3.052  | —0.004    | —0 59 19.7           | —10.15 | —0.39     | 3067           |

2752. Sehr schwach. — 2758. Aeusserst schwach. — 2768. Nur an 2 Fäden. — 2769. Nur an 2 Fäden. — 2771. Sehr schwach. — 2774. Wurde sehr schwach. — 2777. Bonner Durchm. — 1° N. 1948. — 2778. Sehr schwach; duplex?  $d = 5''0$  — 2779. Schien entschieden duplex,  $d = 6''0$  — 2788. Aeusserst schwach — 2789. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 2791  |       |     | 8 <sup>h</sup> 1 <sup>m</sup> 34 <sup>s</sup> .94 |        |           | —0° 59' 21" 0        |         |           | 3630           |
| 2792  |       | 8.8 | 1 40.79                                           | 3.063  | —0.004    | 0 28 37. 4           | —10" 15 | —0" 39    | 4071           |
| 2793  |       |     | 40.62                                             |        |           | 39. 4                |         |           | 3485           |
| 2794  |       | 9.0 | 1 48.76                                           | 3.066  | 0.004     | 0 20 58. 9           | 10. 16  | 0. 39     | 6225           |
| 2795  |       |     | 48.75                                             |        |           | 56. 5                |         |           | 3667           |
| 2796  |       | 8.5 | 2 4.26                                            | 3.059  | 0.004     | 0 40 11. 4           | 10. 18  | 0. 39     | 2956           |
| 2797  |       |     | 4.36                                              |        |           | 10. 3                |         |           | 6493           |
| 2798  |       | 9.0 | 2 12.98                                           | 3.045  | 0.004     | 1 20 17. 7           | 10. 20  | 0. 39     | 3271           |
| 2799  |       |     | 12.86                                             |        |           | 15. 6                |         |           | 3959           |
| 2800  |       |     | 2 21.14                                           | 3.051  | 0.004     | 1 2 21. 0            | 10. 20  | 0. 39     | 3118           |
| 2801* |       |     | 21.00                                             |        |           | 23. 2                |         |           | 6570           |
| 2802  |       | 8.8 | 2 40.93                                           | 3.044  | 0.004     | 1 25 52. 7           | 10. 23  | 0. 38     | 4157           |
| 2803  |       |     | 40.90                                             |        |           | 54. 3                |         |           | 6600           |
| 2804  |       | 9.0 | 2 43.45                                           | 3.063  | 0.004     | 0 26 37. 2           | 10. 23  | 0. 38     | 6226           |
| 2805* |       |     | 42.93                                             |        |           | 38. 5                |         |           | 6571           |
| 2806  |       |     | 42.95                                             |        |           | 36. 8                |         |           | 6612           |
| 2807  |       | 9.0 | 2 44.30                                           | 3.047  | 0.004     | 1 16 0. 8            | 10. 23  | 0. 38     | 6304           |
| 2808  |       |     | 44.53                                             |        |           | 2. 2                 |         |           | 3960           |
| 2809  |       | 8.0 | 2 54.98                                           | 3.071  | 0.004     | 0 5 6. 0             | 10. 25  | 0. 38     | 4235           |
| 2810  |       |     | 55.03                                             |        |           | 6. 1                 |         |           | 3580           |
| 2811  |       | 8.8 | 3 5.09                                            | 3.046  | 0.004     | 1 18 44. 5           | 10. 26  | 0. 38     | 6305           |
| 2812  |       |     | 4.97                                              |        |           | 43. 4                |         |           | 6494           |
| 2813  |       | 9.0 | 3 17.16                                           | 3.035  | 0.004     | 1 48 47. 2           | 10. 28  | 0. 38     | 6227           |
| 2814  |       |     | 17.11                                             |        |           | 45. 9                |         |           | 3486           |
| 2815  |       | 9.0 | 3 44.61                                           | 3.060  | 0.004     | 0 35 51. 8           | 10. 31  | 0. 38     | 3272           |
| 2816  |       |     | 44.88                                             |        |           | 50. 6                |         |           | 6613           |
| 2817  |       | 9.0 | 4 5.01                                            | 3.055  | 0.004     | 0 50 59. 0           | 10. 34  | 0. 38     | 2957           |
| 2818* |       |     | 5.18                                              |        |           | 60. 1                |         |           | 6572           |
| 2819* |       |     | 5.52                                              |        |           | 58. 9                |         |           | 6614           |
| 2820  |       | 8.5 | 4 40.65                                           | 3.056  | 0.004     | 0 47 48. 6           | 10. 38  | 0. 38     | 3119           |
| 2821  |       |     | 40.50                                             |        |           | 50. 0                |         |           | 3487           |
| 2822  |       |     | 40.67                                             |        |           | 51. 0                |         |           | 3668           |
| 2823  |       | 8.0 | 4 52.60                                           | 3.048  | 0.004     | 1 11 48. 3           | 10. 40  | 0. 38     | 3346           |
| 2824  |       |     | 52.34                                             |        |           | 49. 1                |         |           | 3631           |
| 2825  |       | 9.0 | 5 5.52                                            | 3.055  | 0.004     | 0 51 39. 9           | 10. 41  | 0. 38     | 4072           |
| 2826* |       |     | 5.60                                              |        |           | 42. 2                |         |           | 3809           |
| 2827  |       | 9.0 | 5 31.38                                           | 3.065  | 0.004     | 0 23 41. 8           | 10. 44  | 0. 38     | 4158           |
| 2828  |       |     | 31.38                                             |        |           | 41. 1                |         |           | 3961           |
| 2829  |       | 9.0 | 6 10.29                                           | 3.040  | 0.004     | 1 36 25. 6           | 10. 49  | 0. 38     | 3347           |
| 2830  |       |     | 10.30                                             |        |           | 28. 7                |         |           | 3962           |
| 2831  |       | 8.5 | 6 52.72                                           | 3.065  | 0.004     | 0 22 24. 8           | 10. 54  | 0. 38     | 2958           |
| 2832  |       |     | 52.72                                             |        |           | 22. 9                |         |           | 3488           |
| 2833  |       | 7.5 | 6 59.96                                           | 3.056  | 0.004     | 0 47 29. 7           | 10. 55  | 0. 38     | 4073           |
| 2834  |       |     | 60.22                                             |        |           | 31. 8                |         |           | 3429           |
| 2835  |       | 8.6 | 8 7 0.63                                          | 3.051  | —0.004    | —1 3 5. 5            | —10. 55 | —0. 38    | 3120           |

2801. Sehr schwach und verwaschen. — 2805. Sehr schwach, nur an 2 Fäden. — 2818. Nur an 2 Fäden.  
— 2819. Nur an 3 Fäden. — 2826. Sehr schwach.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                          | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|-------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 2836 |       |     | 8 <sup>h</sup> 7 <sup>m</sup> 0 <sup>s</sup> 45 |        |           | —1° 3' 7" 1          |         |           | 3632           |
| 2837 |       | 9.0 | 7 25.22                                         | 3° 055 | —0° 004   | 0 52 16.6            | —10" 58 | —0" 38    | 3273           |
| 2838 |       |     | 24.93                                           |        |           | 16.9                 |         |           | 3669           |
| 2839 |       | 8.8 | 7 27.01                                         | 3.072  | 0.004     | 0 2 22.7             | 10.59   | 0.38      | 4159           |
| 2840 |       |     | 26.90                                           |        |           | 22.8                 |         |           | 3810           |
| 2841 |       | 8.3 | 7 47.38                                         | 3.069  | 0.004     | 0 8 34.6             | 10.61   | 0.37      | 4160           |
| 2842 |       |     | 47.53                                           |        |           | 33.1                 |         |           | 6495           |
| 2843 |       | 8.8 | 8 5.08                                          | 3.050  | 0.004     | 1 4 19.1             | 10.63   | 0.37      | 2959           |
| 2844 |       |     | 5.06                                            |        |           | 19.1                 |         |           | 3489           |
| 2845 |       | 8.8 | 8 21.26                                         | 3.041  | 0.004     | 1 33 53.5            | 10.65   | 0.37      | 3348           |
| 2846 |       |     | 21.32                                           |        |           | 55.9                 |         |           | 3670           |
| 2847 |       | 9.0 | 8 27.40                                         | 3.052  | 0.004     | 0 59 57.4            | 10.66   | 0.37      | 4074           |
| 2848 |       |     | 27.46                                           |        |           | 59.0                 |         |           | 3963           |
| 2849 |       | 8.8 | 8 41.13                                         | 3.040  | 0.004     | 1 38 23.0            | 10.68   | 0.37      | 3121           |
| 2850 |       |     | 41.09                                           |        |           | 24.0                 |         |           | 6496           |
| 2851 | 3008  | 8.5 | 8 53.05                                         | 3.065  | 0.004     | 0 22 57.9            | 10.69   | 0.37      | 4236           |
| 2852 |       |     | 53.02                                           |        |           | 58.2                 |         |           | 6573           |
| 2853 |       | 8.2 | 9 17.69                                         | 3.055  | 0.004     | 0 52 2.2             | 10.72   | 0.37      | 3349           |
| 2854 |       |     | 17.62                                           |        |           | 4.2                  |         |           | 3811           |
| 2855 |       | 9.0 | 9 28.34                                         | 3.056  | 0.004     | 0 50 18.7            | 10.74   | 0.37      | 3274           |
| 2856 |       |     | 28.65                                           |        |           | 16.0                 |         |           | 6497           |
| 2857 |       | 9.0 | 9 33.47                                         | 3.048  | 0.004     | 1 14 24.7            | 10.74   | 0.37      | 2960           |
| 2858 |       |     | 33.35                                           |        |           | 23.1                 |         |           | 3490           |
| 2859 |       | 8.5 | 10 59.09                                        | 3.044  | 0.004     | 1 27 12.3            | 10.85   | 0.37      | 3122           |
| 2860 |       |     | 58.93                                           |        |           | 13.5                 |         |           | 3671           |
| 2861 |       | 8.9 | 11 22.20                                        | 3.070  | 0.004     | 0 7 12.2             | 10.88   | 0.37      | 4075           |
| 2862 |       |     | 22.31                                           |        |           | 12.9                 |         |           | 3812           |
| 2863 |       | 8.8 | 11 24.35                                        | 3.033  | 0.003     | 1 59 31.2            | 10.88   | 0.37      | 2961           |
| 2864 |       |     | 24.44                                           |        |           | 28.4                 |         |           | 3491           |
| 2865 | 3027  | 7.8 | 11 32.64                                        | 3.044  | 0.004     | 1 24 33.9            | 10.89   | 0.37      | 3350           |
| 2866 |       |     | 32.60                                           |        |           | 36.0                 |         |           | 3581           |
| 2867 |       | 9.0 | 12 27.10                                        | 3.043  | 0.004     | 1 30 6.8             | 10.94   | 0.37      | 3123           |
| 2868 |       |     | 26.96                                           |        |           | 6.7                  |         |           | 3492           |
| 2869 |       | 9.0 | 12 47.88                                        | 3.039  | 0.004     | 1 41 27.0            | 10.98   | 0.37      | 3351           |
| 2870 |       |     | 47.79                                           |        |           | 27.7                 |         |           | 3672           |
| 2871 |       | 8.6 | 13 13.07                                        | 3.064  | 0.004     | 0 23 55.6            | 11.01   | 0.37      | 2962           |
| 2872 |       |     | 13.12                                           |        |           | 54.1                 |         |           | 3813           |
| 2873 |       | 8.3 | 13 34.57                                        | 3.055  | 0.004     | 0 51 30.4            | 11.04   | 0.37      | 4076           |
| 2874 |       |     | 34.59                                           |        |           | 31.4                 |         |           | 3964           |
| 2875 |       | 7.2 | 13 50.27                                        | 3.062  | 0.004     | 0 30 50.3            | 11.06   | 0.37      | 4161           |
| 2876 |       |     | 50.32                                           |        |           | 50.2                 |         |           | 3673           |
| 2877 | 3046  | 8.8 | 13 57.32                                        | 3.049  | 0.004     | 1 11 36.8            | 11.06   | 0.37      | 4077           |
| 2878 |       |     | 57.55                                           |        |           | 37.6                 |         |           | 3493           |
| 2879 |       | 7.0 | 8 14 59.67                                      | 3.049  | —0.004    | —1 12 21.7           | —11.14  | —0.37     | 3124           |
| 2880 |       |     | 59.83                                           |        |           | 23.3                 |         |           | 3633           |



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 2881  |       | 9.0 | 8 <sup>h</sup> 15 <sup>m</sup> 15 <sup>s</sup> .72 | 3.041  | —0.004    | —1° 35' 34" 2        | —11" 16 | —0" 36    | 2963           |
| 2882  |       |     | 15.98                                              |        |           | 33. 2                |         |           | 3674           |
| 2883* |       | 9.5 | 15 22.39                                           | 3.043  | 0.004     | 1 31 23. 0           | 11. 17  | 0. 36     | 3352           |
| 2884* |       | 9.0 | 15 31.15                                           | 3.048  | 0.004     | 1 14 56. 7           | 11. 18  | 0. 36     | 6228           |
| 2885  |       |     | 31.20                                              |        |           | 56. 6                |         |           | 3494           |
| 2886  |       | 9.0 | 15 32.90                                           | 3.042  | 0.004     | 1 32 5. 5            | 11. 18  | 0. 36     | 4162           |
| 2887  |       |     | 32.98                                              |        |           | 7. 4                 |         |           | 3965           |
| 2888  |       | 8.8 | 15 50.65                                           | 3.069  | 0.004     | 0 11 19. 0           | 11. 20  | 0. 36     | 4163           |
| 2889  |       |     | 50.44                                              |        |           | 20. 1                |         |           | 6498           |
| 2890  |       | 9.0 | 16 0.45                                            | 3.062  | 0.004     | 0 31 43. 1           | 11. 22  | 0. 36     | 4237           |
| 2891  |       |     | 0.41                                               |        |           | 45. 7                |         |           | 3966           |
| 2892* |       | 8.1 | 16 10.69                                           | 3.070  | 0.004     | 0 8 21. 6            | 11. 23  | 0. 36     | 4238           |
| 2893  |       |     | 10.71                                              |        |           | 19. 1                |         |           | 3814           |
| 2894  |       | 9.0 | 16 11.79                                           | 3.043  | 0.004     | 1 31 40. 3           | 11. 23  | 0. 36     | 4078           |
| 2895  |       |     | 11.82                                              |        |           | 43. 7                |         |           | 6574           |
| 2896  |       | 7.8 | 16 25.28                                           | 3.063  | 0.004     | 0 28 9. 2            | 11. 24  | 0. 36     | 6229           |
| 2897  |       |     | 25.19                                              |        |           | 9. 5                 |         |           | 6499           |
| 2898  |       | 9.0 | 16 43.56                                           | 3.065  | 0.004     | 0 21 51. 1           | 11. 26  | 0. 36     | 3353           |
| 2899  |       |     | 43.32                                              |        |           | 51. 2                |         |           | 3675           |
| 2900  |       | 9.0 | 17 12.65                                           | 3.039  | 0.004     | 1 42 37. 2           | 11. 30  | 0. 36     | 2964           |
| 2901  |       |     | 12.73                                              |        |           | 36. 3                |         |           | 3495           |
| 2902  |       | 7.0 | 17 35.50                                           | 3.051  | 0.004     | 1 5 44. 6            | 11. 33  | 0. 36     | 3125           |
| 2903  |       |     | 35.23                                              |        |           | 47. 9                |         |           | 3815           |
| 2904  |       | 8.8 | 18 1.56                                            | 3.033  | 0.003     | 2 1 8. 8             | 11. 36  | 0. 36     | 6230           |
| 2905  |       |     | 1.63                                               |        |           | 8. 8                 |         |           | 3967           |
| 2906  |       | 7.5 | 18 10.57                                           | 3.058  | 0.004     | 0 44 20. 2           | 11. 37  | 0. 36     | 4164           |
| 2907  |       |     | 10.67                                              |        |           | 19. 8                |         |           | 6500           |
| 2908  |       | 9.0 | 18 18.88                                           | 3.036  | 0.003     | 1 54 20. 8           | 11. 38  | 0. 36     | 4079           |
| 2909  |       |     | 18.96                                              |        |           | 23. 2                |         |           | 3676           |
| 2910  |       | 8.8 | 18 18.78                                           | 3.043  | 0.004     | 1 31 35. 3           | 11. 38  | 0. 36     | 6231           |
| 2911  |       |     | 18.65                                              |        |           | 34. 4                |         |           | 3496           |
| 2912  |       | 9.0 | 18 34.80                                           | 3.067  | 0.004     | 0 15 26. 0           | 11. 40  | 0. 36     | 4239           |
| 2913  |       |     | 34.97                                              |        |           | 26. 1                |         |           | 6575           |
| 2914  |       | 9.0 | 18 48.70                                           | 3.039  | 0.004     | 1 42 0. 6            | 11. 42  | 0. 36     | 3354           |
| 2915  |       |     | 48.82                                              |        |           | 2. 8                 |         |           | 6501           |
| 2916  |       | 8.8 | 19 12.08                                           | 3.039  | 0.004     | 1 42 30. 5           | 11. 45  | 0. 36     | 2965           |
| 2917  |       |     | 12.22                                              |        |           | 31. 5                |         |           | 3816           |
| 2918  |       | 8.6 | 19 39.01                                           | 3.056  | 0.004     | 0 50 55. 3           | 11. 48  | 0. 36     | 3126           |
| 2919  |       |     | 39.07                                              |        |           | 56. 5                |         |           | 3968           |
| 2920  |       | 8.8 | 20 10.08                                           | 3.053  | 0.004     | 1 0 35. 7            | 11. 52  | 0. 36     | 4165           |
| 2921  |       |     | 9.88                                               |        |           | 35. 0                |         |           | 3677           |
| 2922  |       | 8.5 | 20 13.39                                           | 3.067  | 0.004     | 0 17 16. 6           | 11. 52  | 0. 36     | 3355           |
| 2923  |       |     | 13.40                                              |        |           | 15. 1                |         |           | 3497           |
| 2924  |       | 8.0 | 8 20 30.43                                         | 3.056  | —0.004    | —0 48 25. 5          | —11. 54 | —0. 36    | 4166           |
| 2925  |       |     | 30.33                                              |        |           | 27. 3                |         |           | 3817           |

2883. Bonner Durchm. — 1° Nr. 2019. — 2884. Fäden stimmen schlecht. — 2892. Nur an 2 Fäden.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 2926  |       | 8.8 | 8 <sup>h</sup> 20 <sup>m</sup> 32 <sup>s</sup> 20 | 3.044  | —0.004    | —1° 30' 33" 6        | —11" 54 | —0" 36    | 4080           |
| 2927  |       |     | 32.65                                             |        |           | 36. 4                |         |           | 6502           |
| 2928  |       | 8.8 | 21 23.67                                          | 3.033  | 0.003     | 2 2 38. 6            | 11. 60  | 0. 36     | 2966           |
| 2929  |       |     | 23.57                                             |        |           | 37. 6                |         |           | 3678           |
| 2930  |       | 8.7 | 21 27.62                                          | 3.053  | 0.004     | 0 58 53. 4           | 11. 61  | 0. 36     | 3127           |
| 2931  |       |     | 27.48                                             |        |           | 54. 5                |         |           | 3498           |
| 2932  |       | 8.5 | 21 42.47                                          | 3.070  | 0.004     | 0 8 37. 2            | 11. 62  | 0. 36     | 3356           |
| 2933* |       |     | 42.38                                             |        |           | 37. 3                |         |           | 3818           |
| 2934  |       | 7.2 | 23 8.36                                           | 3.062  | 0.004     | 0 32 42. 9           | 11. 73  | 0. 36     | 3128           |
| 2935  |       |     | 8.23                                              |        |           | 41. 5                |         |           | 3499           |
| 2936  |       | 8.8 | 23 27.40                                          | 3.059  | 0.004     | 0 39 20. 4           | 11. 75  | 0. 36     | 2967           |
| 2937  |       |     | 27.24                                             |        |           | 20. 6                |         |           | 3679           |
| 2938  | 3110  | 8.9 | 23 32.94                                          | 3.071  | 0.004     | 0 5 13. 4            | 11. 76  | 0. 36     | 3357           |
| 2939  |       |     | 33.00                                             |        |           | 13. 4                |         |           | 6503           |
| 2940* |       | 9.0 | 23 34.40                                          | 3.047  | 0.004     | 1 20 49. 3           | 11. 76  | 0. 36     | 3275           |
| 2941  |       |     | 34.23                                             |        |           | 48. 4                |         |           | 3969           |
| 2942  |       | 7.8 | 24 0.08                                           | 3.035  | 0.003     | 1 57 47. 9           | 11. 79  | 0. 36     | 4081           |
| 2943  |       |     | 0.16                                              |        |           | 49. 7                |         |           | 3819           |
| 2944  |       | 8.8 | 24 26.26                                          | 3.065  | 0.004     | 0 21 58. 0           | 11. 82  | 0. 36     | 4167           |
| 2945* |       |     | 26.55                                             |        |           | 57. 8                |         |           | 3500           |
| 2946  |       | 8.3 | 24 51.53                                          | 3.042  | 0.004     | 1 35 8. 7            | 11. 85  | 0. 36     | 2968           |
| 2947  |       |     | 51.34                                             |        |           | 8. 0                 |         |           | 3680           |
| 2948  | 3131  | 8.5 | 26 0.98                                           | 3.063  | 0.004     | 0 31 9. 7            | 11. 93  | 0. 35     | 3276           |
| 2949  |       |     | 0.57                                              |        |           | 8. 9                 |         |           | 3681           |
| 2950* |       | 8.5 | 26 17.16                                          | 3.063  | 0.004     | 0 30 35. 9           | 11. 95  | 0. 35     | 3129           |
| 2951  |       |     | 17.62                                             |        |           | 34. 8                |         |           | 3154           |
| 2952  |       |     | 17.59                                             |        |           | 36. 2                |         |           | 3501           |
| 2953  |       | 8.5 | 26 28.17                                          | 3.056  | 0.004     | 0 52 34. 9           | 11. 96  | 0. 35     | 2969           |
| 2954  |       |     | 28.30                                             |        |           | 35. 0                |         |           | 3820           |
| 2955* |       | 9.0 | 26 58.78                                          | 3.069  | 0.004     | 0 9 42. 3            | 12. 00  | 0. 35     | 3358           |
| 2956* |       |     | 58.97                                             |        |           | 43. 1                |         |           | 3970           |
| 2957  |       | 8.6 | 27 9.31                                           | 3.044  | 0.004     | 1 29 58. 2           | 12. 01  | 0. 35     | 4082           |
| 2958  |       |     | 9.02                                              |        |           | 62. 2                |         |           | 3821           |
| 2959  |       | 8.8 | 27 10.74                                          | 3.046  | 0.004     | 1 23 37. 4           | 12. 01  | 0. 35     | 3277           |
| 2960  |       |     | 10.92                                             |        |           | 36. 1                |         |           | 3971           |
| 2961  |       | 8.2 | 27 12.84                                          | 3.066  | 0.004     | 0 19 27. 2           | 12. 01  | 0. 35     | 4168           |
| 2962  |       |     | 12.67                                             |        |           | 29. 5                |         |           | 3682           |
| 2963  |       | 6.5 | 27 42.39                                          | 3.040  | 0.003     | 1 43 35. 9           | 12. 05  | 0. 35     | 3130           |
| 2964  |       |     | 42.12                                             |        |           | 34. 7                |         |           | 4391           |
| 2965  |       | 8.2 | 27 43.29                                          | 3.051  | 0.004     | 1 8 18. 4            | 12. 05  | 0. 35     | 3155           |
| 2966  |       |     | 43.24                                             |        |           | 20. 0                |         |           | 3502           |
| 2967  |       | 9.0 | 27 45.35                                          | 3.071  | 0.004     | 0 6 22. 5            | 12. 05  | 0. 35     | 4169           |
| 2968  |       |     | 45.42                                             |        |           | 22. 6                |         |           | 6504           |
| 2969  |       | 7.7 | 8 28 10.49                                        | 3.067  | —0.004    | —0 17 56. 9          | —12. 08 | —0. 35    | 4083           |
| 2970  |       |     | 10.45                                             |        |           | 59. 0                |         |           | 4392           |

2933. Sehr schwach. — 2940. Die A. R. der Bonner Durchm. bedarf einer Correction von + 8<sup>s</sup>. —  
 2945. Sehr schwach. — 2950. Aeusserst schwach. — 2955. Aeusserst schwach. — 2956. Sehr schwach.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 2971 |       | 9.0 | 8 <sup>h</sup> 28 <sup>m</sup> 20 <sup>s</sup> 39 | 3 <sup>s</sup> 040 | —0 <sup>s</sup> 003 | —1° 43' 49" 5        | —12" 09 | —0" 35    | 2970           |
| 2972 |       |     | 20.35                                             |                    |                     | 50. 1                |         |           | 6505           |
| 2973 |       | 8.5 | 29 45.53                                          | 3.048              | 0.004               | 1 16 38. 3           | 12. 19  | 0. 35     | 3131           |
| 2974 |       |     | 45.34                                             |                    |                     | 39. 4                |         |           | 3503           |
| 2975 |       | 9.0 | 30 54.96                                          | 3.042              | 0.003               | 1 37 7. 2            | 12. 27  | 0. 35     | 2971           |
| 2976 |       |     | 55.23                                             |                    |                     | 6. 9                 |         |           | 3504           |
| 2977 |       | 8.8 | 31 8.04                                           | 3.070              | 0.004               | 0 7 34. 6            | 12. 29  | 0. 35     | 3156           |
| 2978 |       |     | 7.74                                              |                    |                     | 35. 3                |         |           | 3822           |
| 2979 |       | 9.0 | 31 10.80                                          | 3.056              | 0.004               | 0 52 56. 3           | 12. 29  | 0. 35     | 3278           |
| 2980 |       |     | 11.08                                             |                    |                     | 57. 3                |         |           | 3683           |
| 2981 |       | 8.5 | 31 22.41                                          | 3.060              | 0.004               | 0 41 38. 7           | 12. 30  | 0. 35     | 3359           |
| 2982 |       |     | 22.52                                             |                    |                     | 40. 8                |         |           | 3972           |
| 2983 |       | 8.3 | 31 26.48                                          | 3.051              | 0.004               | 1 10 4. 4            | 12. 31  | 0. 35     | 4084           |
| 2984 |       |     | 26.55                                             |                    |                     | 8. 0                 |         |           | 3823           |
| 2985 | 3173  | 8.0 | 31 52.48                                          | 3.046              | 0.004               | 1 26 1. 8            | 12. 34  | 0. 35     | 3132           |
| 2986 |       |     | 52.56                                             |                    |                     | 1. 8                 |         |           | 3505           |
| 2987 |       | 9.0 | 33 25.71                                          | 3.043              | 0.004               | 1 36 56. 3           | 12. 45  | 0. 35     | 2972           |
| 2988 |       |     | 25.49                                             |                    |                     | 56. 1                |         |           | 3684           |
| 2989 |       | 8.9 | 33 35.85                                          | 3.046              | 0.004               | 1 26 27. 3           | 12. 46  | 0. 35     | 3279           |
| 2990 |       |     | 36.02                                             |                    |                     | 26. 6                |         |           | 3973           |
| 2991 |       | 9.0 | 33 38.27                                          | 3.047              | 0.004               | 1 22 12. 2           | 12. 46  | 0. 35     | 3360           |
| 2992 |       |     | 37.97                                             |                    |                     | 14. 3                |         |           | 3974           |
| 2993 |       | 8.5 | 34 1.27                                           | 3.051              | 0.004               | 1 10 36. 3           | 12. 49  | 0. 35     | 3133           |
| 2994 |       |     | 1.12                                              |                    |                     | 38. 5                |         |           | 3824           |
| 2995 |       | 8.8 | 34 16.73                                          | 3.035              | 0.003               | 2 3 14. 9            | 12. 50  | 0. 35     | 4085           |
| 2996 |       |     | 16.86                                             |                    |                     | 18. 1                |         |           | 3506           |
| 2997 |       | 8.9 | 34 27.81                                          | 3.038              | 0.003               | 1 55 12. 7           | 12. 52  | 0. 35     | 3361           |
| 2998 |       |     | 27.92                                             |                    |                     | 14. 0                |         |           | 6506           |
| 2999 |       | 8.5 | 34 31.79                                          | 3.071              | 0.004               | 0 4 53. 3            | 12. 52  | 0. 35     | 3157           |
| 3000 |       |     | 31.66                                             |                    |                     | 55. 3                |         |           | 3685           |
| 3001 |       | 8.7 | 34 45.84                                          | 3.044              | 0.004               | 1 34 9. 3            | 12. 54  | 0. 35     | 2973           |
| 3002 |       |     | 45.67                                             |                    |                     | 9. 0                 |         |           | 6576           |
| 3003 |       | 8.8 | 35 8.88                                           | 3.053              | 0.004               | 1 4 22. 6            | 12. 56  | 0. 34     | 4170           |
| 3004 |       |     | 8.86                                              |                    |                     | 25. 5                |         |           | 6507           |
| 3005 |       | 9.0 | 35 16.17                                          | 3.045              | 0.004               | 1 29 29. 7           | 12. 57  | 0. 34     | 4086           |
| 3006 |       |     | 16.03                                             |                    |                     | 31. 4                |         |           | 3825           |
| 3007 |       | 8.3 | 35 36.04                                          | 3.060              | 0.004               | 0 42 11. 6           | 12. 59  | 0. 34     | 3134           |
| 3008 |       |     | 36.33                                             |                    |                     | 15. 0                |         |           | 3975           |
| 3009 |       | 8.9 | 35 45.30                                          | 3.060              | 0.004               | 0 41 45. 3           | 12. 60  | 0. 34     | 3158           |
| 3010 |       |     | 45.20                                             |                    |                     | 44. 4                |         |           | 3507           |
| 3011 |       | 8.3 | 37 6.52                                           | 3 <sup>s</sup> 061 | 0.005               | 0 37 1. 4            | 12. 70  | 0. 34     | 2974           |
| 3012 |       |     | 6.38                                              |                    |                     | 1. 6                 |         |           | 3508           |
| 3013 |       | 8.7 | 37 39.36                                          | 3.040              | 0.004               | 1 48 51. 7           | 12. 73  | 0. 34     | 3159           |
| 3014 |       |     | 39.48                                             |                    |                     | 52. 8                |         |           | 3686           |
| 3015 |       | 8.8 | 8 38 11.46                                        | 3.038              | —0.004              | —1 55 49. 0          | —12. 77 | —0. 34    | 2975           |



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 3016  |       |     | 8 <sup>h</sup> 38 <sup>m</sup> 11 <sup>s</sup> .41 |        |           | —1° 55' 49" 3        |         |           | 3826           |
| 3017  |       | 9.0 | 38 36.87                                           | 3.039  | —0.004    | 1 50 57.3            | —12" 80 | —0" 34    | 3362           |
| 3018  |       |     | 36.78                                              |        |           | 60.0                 |         |           | 3687           |
| 3019  |       | 8.2 | 39 14.50                                           | 3.068  | 0.005     | 0 13 47.1            | 12. 84  | 0. 34     | 4087           |
| 3020  |       |     | 14.61                                              |        |           | 48. 3                |         |           | 3509           |
| 3021  |       | 7.0 | 39 42.00                                           | 3.044  | 0.005     | 1 35 47. 6           | 12. 87  | 0. 34     | 2976           |
| 3022  |       |     | 41.94                                              |        |           | 48. 6                |         |           | 3827           |
| 3023  |       | 8.8 | 39 53.38                                           | 3.040  | 0.004     | 1 49 20. 1           | 12. 88  | 0. 34     | 4171           |
| 3024  |       |     | 53.53                                              |        |           | 21. 7                |         |           | 3976           |
| 3025  |       | 9.0 | 40 4.82                                            | 3.043  | 0.004     | 1 37 2. 4            | 12. 90  | 0. 34     | 4172           |
| 3026  |       |     | 4.77                                               |        |           | 2. 6                 |         |           | 3688           |
| 3027  |       | 6.0 | 40 54.90                                           | 3.046  | 0.005     | 1 26 23. 3           | 12. 95  | 0. 34     | 4088           |
| 3028  |       |     | 54.82                                              |        |           | 26. 9                |         |           | 3828           |
| 3029  |       | 8.3 | 41 5.63                                            | 3.061  | 0.005     | 0 38 24. 4           | 12. 96  | 0. 34     | 4089           |
| 3030  |       |     | 5.86                                               |        |           | 24. 8                |         |           | 3510           |
| 3031  |       | 8.2 | 42 7.24                                            | 3.037  | 0.004     | 2 3 35. 7            | 13. 03  | 0. 34     | 2977           |
| 3032  |       |     | 7.29                                               |        |           | 39. 6                |         |           | 3511           |
| 3033  |       | 7.3 | 42 15.66                                           | 3.062  | 0.005     | 0 35 4. 4            | 13. 04  | 0. 34     | 3135           |
| 3034  |       |     | 15.56                                              |        |           | 5. 3                 |         |           | 3689           |
| 3035  |       | 9.0 | 42 32.60                                           | 3.043  | 0.004     | 1 38 41. 1           | 13. 06  | 0. 34     | 3363           |
| 3036  |       |     | 33.02                                              |        |           | 42. 1                |         |           | 3829           |
| 3037  | 3235  | 9.0 | 42 36.89                                           | 3.068  | 0.005     | 0 13 16. 7           | 13. 06  | 0. 34     | 4173           |
| 3038  |       |     | 37.02                                              |        |           | 18. 0                |         |           | 3977           |
| 3039* |       | 9.0 | 42 54.00                                           | 3.038  | 0.004     | 1 56 46. 3           | 13. 08  | 0. 34     | 4174           |
| 3040  |       |     | 54.37                                              |        |           | 46. 5                |         |           | 3978           |
| 3041* |       | 9.0 | 43 14.57                                           | 3.049  | 0.005     | 1 20 36. 4           | 13. 11  | 0. 33     | 4090           |
| 3042  |       |     | 14.79                                              |        |           | 38. 3                |         |           | 3512           |
| 3043  |       | 9.0 | 43 32.26                                           | 3.050  | 0.005     | 1 13 25. 9           | 13. 13  | 0. 33     | 2978           |
| 3044  |       |     | 32.27                                              |        |           | 26. 7                |         |           | 3690           |
| 3045  | 3246  | 8.4 | 44 33.53                                           | 3.069  | 0.005     | 0 11 36. 0           | 13. 19  | 0. 33     | 3160           |
| 3046  |       |     | 33.39                                              |        |           | 39. 5                |         |           | 3830           |
| 3047  |       | 8.7 | 45 3.85                                            | 3.052  | 0.005     | 1 8 22. 5            | 13. 23  | 0. 33     | 2979           |
| 3048  |       |     | 3.88                                               |        |           | 23. 1                |         |           | 3691           |
| 3049  |       | 9.0 | 45 24.64                                           | 3.062  | 0.005     | 0 33 30. 8           | 13. 25  | 0. 33     | 3364           |
| 3050  |       |     | 24.79                                              |        |           | 31. 9                |         |           | 3513           |
| 3051  |       | 8.7 | 46 49.78                                           | 3.061  | 0.005     | 0 37 32. 9           | 13. 34  | 0. 33     | 3161           |
| 3052  |       |     | 49.72                                              |        |           | 32. 6                |         |           | 3514           |
| 3053  | 3262  | 8.7 | 46 51.35                                           | 3.068  | 0.005     | 0 15 16. 8           | 13. 34  | 0. 33     | 2980           |
| 3054  |       |     | 51.37                                              |        |           | 16. 5                |         |           | 3692           |
| 3055* |       | 8.4 | 47 22.85                                           | 3.070  | 0.005     | 0 6 32. 2            | 13. 38  | 0. 33     | 4091           |
| 3056* |       |     | 22.90                                              |        |           | 33. 8                |         |           | 3831           |
| 3057  |       | 8.2 | 47 35.75                                           | 3.070  | 0.005     | 0 8 22. 7            | 13. 39  | 0. 32     | 3136           |
| 3058  |       |     | 35.59                                              |        |           | 22. 8                |         |           | 3365           |
| 3059  |       |     | 35.62                                              |        |           | 23. 4                |         |           | 3832           |
| 3060  |       | 8.8 | 8 47 51.90                                         | 3.037  | —0.004    | —2 0 13. 9           | —13. 41 | —0. 32    | 4175           |

3039. Nur an 2 Fäden. — 3041. Sehr schwach, nur an 3 Fäden. — 3055. Duplex,  $d = 4''_0$ , Mitte beob. —  
 3056. Duplex,  $d = 4''_5$ , Mitte beob.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 3061  |       |     | 8 <sup>h</sup> 47 <sup>m</sup> 52 <sup>s</sup> .02 |                    |                     | —2° 0' 13'' 2        |         |           | 3515           |
| 3062* |       | 9.0 | 48 19.73                                           | 3 <sup>s</sup> 047 | —0 <sup>s</sup> 005 | 1 26 37.1            | —13''44 | —0''32    | 4240           |
| 3063  |       |     | 19.38                                              |                    |                     | 36.3                 |         |           | 3693           |
| 3064  | 3272  | 8.4 | 48 20.01                                           | 3.068              | 0.005               | 0 14 15.6            | 13.44   | 0.32      | 3162           |
| 3065  |       |     | 20.12                                              |                    |                     | 17.5                 |         |           | 3979           |
| 3066  |       | 8.7 | 48 30.70                                           | 3.064              | 0.005               | 0 29 40.4            | 13.45   | 0.32      | 2981           |
| 3067  |       |     | 30.75                                              |                    |                     | 40.3                 |         |           | 6508           |
| 3068* |       | 9.0 | 48 38.30                                           | 3.048              | 0.005               | 1 23 0.7             | 13.46   | 0.32      | 4241           |
| 3069  |       |     | 37.99                                              |                    |                     | 2.3                  |         |           | 6577           |
| 3070  |       | 8.8 | 48 45.54                                           | 3.050              | 0.005               | 1 16 3.3             | 13.47   | 0.32      | 3366           |
| 3071  |       |     | 45.65                                              |                    |                     | 6.8                  |         |           | 3980           |
| 3072  |       | 8.8 | 49 20.79                                           | 3.046              | 0.004               | 1 31 52.5            | 13.51   | 0.32      | 4176           |
| 3073  |       |     | 20.55                                              |                    |                     | 53.2                 |         |           | 3516           |
| 3074  | 3284  | 8.8 | 49 36.77                                           | 3.057              | 0.005               | 0 53 20.6            | 13.52   | 0.32      | 4092           |
| 3075  |       |     | 36.90                                              |                    |                     | 20.9                 |         |           | 6509           |
| 3076* |       | 8.8 | 49 52.24                                           | 3.044              | 0.004               | 1 43 3.3             | 13.54   | 0.32      | 4242           |
| 3077  |       |     | 51.79                                              |                    |                     | 3.3                  |         |           | 3694           |
| 3078  |       | 8.5 | 50 22.07                                           | 3.041              | 0.004               | 1 53 44.6            | 13.57   | 0.32      | 3163           |
| 3079  |       |     | 22.04                                              |                    |                     | 47.2                 |         |           | 3833           |
| 3080  |       | 8.3 | 50 23.66                                           | 3.068              | 0.005               | 0 15 54.7            | 13.57   | 0.32      | 3367           |
| 3081  |       |     | 23.72                                              |                    |                     | 54.4                 |         |           | 6510           |
| 3082  |       | 8.5 | 50 28.96                                           | 3.067              | 0.005               | 0 20 36.5            | 13.58   | 0.32      | 2982           |
| 3083  |       |     | 28.94                                              |                    |                     | 35.7                 |         |           | 3517           |
| 3084  |       | 8.5 | 50 49.21                                           | 3.058              | 0.005               | 0 52 22.1            | 13.60   | 0.32      | 4177           |
| 3085  |       |     | 49.06                                              |                    |                     | 23.2                 |         |           | 3981           |
| 3086  |       | 8.2 | 51 5.03                                            | 3.061              | 0.005               | 0 38 13.9            | 13.62   | 0.32      | 4093           |
| 3087  |       |     | 5.37                                               |                    |                     | 16.9                 |         |           | 3982           |
| 3088  |       | 8.0 | 51 8.67                                            | 3.069              | 0.005               | 0 10 34.8            | 13.62   | 0.32      | 3137           |
| 3089  |       |     | 8.61                                               |                    |                     | 33.4                 |         |           | 3695           |
| 3090  | 3298  | 8.7 | 52 9.25                                            | 3.059              | 0.005               | 0 45 9.8             | 13.69   | 0.32      | 2983           |
| 3091  |       |     | 9.41                                               |                    |                     | 9.1                  |         |           | 3518           |
| 3092  |       | 9.0 | 52 42.60                                           | 3.042              | 0.004               | 1 44 34.5            | 13.72   | 0.32      | 3368           |
| 3093  |       |     | 42.69                                              |                    |                     | 35.1                 |         |           | 3834           |
| 3094  |       | 8.0 | 52 42.10                                           | 3.070              | 0.005               | 0 8 23.9             | 13.72   | 0.32      | 3164           |
| 3095  |       |     | 41.94                                              |                    |                     | 24.7                 |         |           | 4393           |
| 3096  |       | 8.8 | 53 30.89                                           | 3.054              | 0.005               | 1 5 35.8             | 13.77   | 0.32      | 4094           |
| 3097  |       |     | 30.98                                              |                    |                     | 37.6                 |         |           | 3696           |
| 3098  |       | 8.0 | 53 38.24                                           | 3.039              | 0.004               | 2 3 44.4             | 13.78   | 0.32      | 2984           |
| 3099  |       |     | 38.57                                              |                    |                     | 44.7                 |         |           | 3138           |
| 3100  |       |     | 38.40                                              |                    |                     | 46.5                 |         |           | 3835           |
| 3101  | 3314  | 8.6 | 54 27.64                                           | 3.068              | 0.005               | 0 11 31.8            | 13.83   | 0.32      | 3165           |
| 3102  |       |     | 27.75                                              |                    |                     | 31.2                 |         |           | 3519           |
| 3103  |       | 7.8 | 54 56.71                                           | 3.039              | 0.004               | 2 4 15.9             | 13.86   | 0.32      | 3139           |
| 3104  |       |     | 56.63                                              |                    |                     | 19.1                 |         |           | 3983           |
| 3105  |       | 8.5 | 8 55 3.54                                          | 3.039              | —0.004              | —2 3 1.5             | —13.87  | —0.31     | 3369           |

3062. Sehr schwach. — 3068. Sehr schwach, nur an 3 Fäden. — 3076. Nur an 3 Fäden.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                           | Praec. | Var. sec. | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|--------------------------------------------------|--------|-----------|----------------------|----------|-----------|----------------|
| 3106  |       |     | 8 <sup>h</sup> 55 <sup>m</sup> 3 <sup>s</sup> 48 |        |           | —2° 3' 2'' 8         |          |           | 3984           |
| 3107  |       | 9.0 | 55 14.23                                         | 3.065  | —0.005    | 0 23 45.8            | —13'' 88 | —0'' 31   | 4178           |
| 3108  |       |     | 14.01                                            |        |           | 45. 1                |          |           | 3697           |
| 3109  |       | 8.0 | 55 15.01                                         | 3.071  | 0.005     | 0 5 30. 1            | 13. 88   | 0. 31     | 4095           |
| 3110  |       |     | 15.01                                            |        |           | 32. 6                |          |           | 4394           |
| 3111  |       | 7.7 | 55 16.63                                         | 3.056  | 0.005     | 0 59 13. 1           | 13. 88   | 0. 31     | 2985           |
| 3112  |       |     | 16.63                                            |        |           | 14. 5                |          |           | 3836           |
| 3113  |       | 7.9 | 55 35.15                                         | 3.061  | 0.005     | 0 38 2. 5            | 13. 90   | 0. 31     | 4096           |
| 3114  |       |     | 34.96                                            |        |           | 2. 6                 |          |           | 3520           |
| 3115  |       | 7.8 | 56 4.80                                          | 3.041  | 0.004     | 1 52 27. 5           | 13. 94   | 0. 31     | 4243           |
| 3116  |       |     | 4.70                                             |        |           | 29. 3                |          |           | 4395           |
| 3117  |       | 8.9 | 56 6.94                                          | 3.056  | 0.005     | 0 59 26. 6           | 13. 94   | 0. 31     | 4179           |
| 3118  |       |     | 7.31                                             |        |           | 27. 6                |          |           | 6511           |
| 3119  |       | 8.7 | 56 11.01                                         | 3.050  | 0.005     | 1 19 7. 2            | 13. 94   | 0. 31     | 3166           |
| 3120  |       |     | 10.83                                            |        |           | 8. 2                 |          |           | 3698           |
| 3121  |       | 8.5 | 57 17.36                                         | 3.040  | 0.004     | 1 54 57. 1           | 14. 01   | 0. 31     | 2986           |
| 3122  |       |     | 17.41                                            |        |           | 55. 2                |          |           | 3521           |
| 3123  |       | 8.2 | 58 19.62                                         | 3.039  | 0.004     | 1 58 54. 7           | 14. 08   | 0. 31     | 3167           |
| 3124  |       |     | 19.67                                            |        |           | 57. 6                |          |           | 3699           |
| 3125  |       | 8.7 | 58 27.55                                         | 3.044  | 0.004     | 1 42 42. 3           | 14. 09   | 0. 31     | 2987           |
| 3126  |       |     | 27.62                                            |        |           | 43. 4                |          |           | 3837           |
| 3127  |       | 8.8 | 58 42.48                                         | 3.053  | 0.005     | 1 10 29. 3           | 14. 10   | 0. 31     | 3370           |
| 3128  |       |     | 42.39                                            |        |           | 29. 9                |          |           | 3522           |
| 3129  |       | 9.0 | 8 58 57.36                                       | 3.065  | 0.004     | 0 25 52. 2           | 14. 12   | 0. 31     | 4180           |
| 3130  |       |     | 57.26                                            |        |           | 53. 7                |          |           | 3838           |
| 3131  |       | 9.0 | 9 0 10.31                                        | 3.052  | 0.004     | 1 15 50. 6           | 14. 19   | 0. 31     | 2988           |
| 3132  |       |     | 10.22                                            |        |           | 50. 8                |          |           | 3523           |
| 3133  |       | 7.0 | 1 41.99                                          | 3.039  | 0.004     | 1 58 20. 2           | 14. 29   | 0. 31     | 3168           |
| 3134  |       |     | 41.94                                            |        |           | 23. 7                |          |           | 3700           |
| 3135  |       | 8.8 | 1 58.29                                          | 3.053  | 0.005     | 1 10 42. 6           | 14. 30   | 0. 31     | 3371           |
| 3136  |       |     | 58.28                                            |        |           | 42. 7                |          |           | 3524           |
| 3137  |       | 8.3 | 2 26.06                                          | 3.068  | 0.005     | 0 15 58. 5           | 14. 33   | 0. 31     | 4244           |
| 3138  |       |     | 25.87                                            |        |           | 60. 4                |          |           | 3839           |
| 3139  |       | 9.0 | 2 36.38                                          | 3.069  | 0.005     | 0 12 30. 4           | 14. 34   | 0. 31     | 4245           |
| 3140  |       |     | 36.16                                            |        |           | 31. 4                |          |           | 3840           |
| 3141  |       | 9.0 | 2 39.92                                          | 3.062  | 0.005     | 0 36 44. 4           | 14. 34   | 0. 31     | 4181           |
| 3142* |       |     | 39.74                                            |        |           | 48. 2                |          |           | 3985           |
| 3143  | 3361  | 8.0 | 2 47.43                                          | 3.055  | 0.005     | 1 4 54. 5            | 14. 35   | 0. 31     | 3372           |
| 3144  |       |     | 47.41                                            |        |           | 55. 3                |          |           | 4396           |
| 3145  |       | 8.8 | 2 54.29                                          | 3.060  | 0.005     | 0 43 37. 2           | 14. 36   | 0. 31     | 4182           |
| 3146* |       |     | 54.07                                            |        |           | 39. 7                |          |           | 3986           |
| 3147  |       | 8.3 | 3 7.03                                           | 3.063  | 0.005     | 0 36 22. 2           | 14. 37   | 0. 31     | 4097           |
| 3148  |       |     | 7.04                                             |        |           | 25. 3                |          |           | 3701           |
| 3149  |       | 8.5 | 9 3 39.10                                        | 3.063  | —0.005    | —0 33 58. 3          | —14. 40  | —0. 31    | 4246           |
| 3150  |       |     | 39.02                                            |        |           | 59. 1                |          |           | 3525           |

3142. Sehr schwach, Mondlicht. — 3146. Sehr schwach, Mondlicht.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 3151  |       | 9.0 | 9 <sup>h</sup> 3 <sup>m</sup> 41 <sup>s</sup> .98 | 3.056  | —0.005    | —1° 0' 44" 7         | —14" 41 | —0" 31    | 6232           |
| 3152  |       |     | 41.72                                             |        |           | 43. 5                |         |           | 4397           |
| 3153  |       | 9.0 | 4 24.72                                           | 3.042  | 0.004     | 1 51 11. 0           | 14. 45  | 0. 31     | 3373           |
| 3154  |       |     | 24.74                                             |        |           | 10. 5                |         |           | 3702           |
| 3155  |       | 8.1 | 4 43.71                                           | 3.055  | 0.005     | 1 2 21. 0            | 14. 47  | 0. 31     | 3169           |
| 3156  |       |     | 43.59                                             |        |           | 22. 9                |         |           | 3841           |
| 3157  |       | 9.0 | 5 31.12                                           | 3.044  | 0.004     | 1 43 26. 7           | 14. 52  | 0. 30     | 4183           |
| 3158  |       |     | 31.16                                             |        |           | 27. 2                |         |           | 3526           |
| 3159  |       | 8.5 | 5 35.09                                           | 3.061  | 0.005     | 0 41 39. 1           | 14. 52  | 0. 30     | 4098           |
| 3160  |       |     | 34.96                                             |        |           | 42. 8                |         |           | 3842           |
| 3161  |       | 8.6 | 6 25.28                                           | 3.061  | 0.005     | 0 42 22. 8           | 14. 57  | 0. 30     | 3374           |
| 3162  |       |     | 25.14                                             |        |           | 22. 4                |         |           | 3703           |
| 3163  |       | 8.8 | 7 38.42                                           | 3.047  | 0.004     | 1 35 30. 1           | 14. 65  | 0. 30     | 3375           |
| 3164  |       |     | 38.53                                             |        |           | 30. 5                |         |           | 3704           |
| 3165  |       | 7.1 | 8 30.63                                           | 3.055  | 0.005     | 1 4 10. 6            | 14. 70  | 0. 30     | 3170           |
| 3166  |       |     | 30.49                                             |        |           | 13. 4                |         |           | 3843           |
| 3167  |       | 9.0 | 8 54.39                                           | 3.044  | 0.004     | 1 50 52. 4           | 14. 72  | 0. 30     | 4184           |
| 3168  |       |     | 54.17                                             |        |           | 51. 4                |         |           | 3705           |
| 3169  | 3402  | 8.9 | 9 7.32                                            | 3.071  | 0.005     | 0 6 11. 4            | 14. 73  | 0. 30     | 6233           |
| 3170* |       | 9.1 | 9 11.93                                           | 3.071  | 0.005     | 0 7 13. 3            | 14. 73  | 0. 30     | 3987           |
| 3171  |       | 8.7 | 9 20.15                                           | 3.061  | 0.005     | 0 43 22. 8           | 14. 75  | 0. 30     | 4398           |
| 3172* |       | 8.7 | 9 21.68                                           | 3.061  | 0.005     | 0 43 12. 5           | 14. 75  | 0. 30     | 3376           |
| 3173* |       |     | 21.55                                             |        |           | 11. 1                |         |           | 4099           |
| 3174* |       |     | 21.85                                             |        |           | 13. 0                |         |           | 4185           |
| 3175  |       |     | 21.81                                             |        |           | 14. 2                |         |           | 6512           |
| 3176  |       | 8.7 | 9 24.06                                           | 3.059  | 0.005     | 0 50 31. 7           | 14. 75  | 0. 30     | 4247           |
| 3177  |       |     | 23.91                                             |        |           | 30. 1                |         |           | 3527           |
| 3178  |       | 9.0 | 9 42.96                                           | 3.052  | 0.005     | 1 18 49. 0           | 14. 77  | 0. 30     | 6234           |
| 3179  |       |     | 42.88                                             |        |           | 46. 9                |         |           | 4399           |
| 3180  |       | 8.7 | 9 45.59                                           | 3.066  | 0.005     | 0 26 43. 3           | 14. 77  | 0. 30     | 4248           |
| 3181  |       |     | 45.72                                             |        |           | 45. 5                |         |           | 6578           |
| 3182  |       | 8.8 | 9 58.64                                           | 3.061  | 0.005     | 0 42 49. 0           | 14. 78  | 0. 30     | 4100           |
| 3183  |       |     | 58.96                                             |        |           | 52. 0                |         |           | 6513           |
| 3184  | 3413  | 9.0 | 10 21.23                                          | 3.047  | 0.004     | 1 36 44. 0           | 14. 71  | 0. 30     | 6235           |
| 3185  |       |     | 21.19                                             |        |           | 42. 0                |         |           | 3706           |
| 3186  |       | 8.8 | 10 24.53                                          | 3.067  | 0.005     | 0 18 22. 3           | 14. 81  | 0. 30     | 3171           |
| 3187  |       |     | 24.47                                             |        |           | 24. 9                |         |           | 3844           |
| 3188  | 3419  | 9.0 | 11 42.83                                          | 3.059  | 0.005     | 0 50 52. 5           | 14. 89  | 0. 30     | 3377           |
| 3189  |       |     | 42.83                                             |        |           | 53. 2                |         |           | 3988           |
| 3190  |       | 8.5 | 11 49.25                                          | 3.071  | 0.005     | 0 5 3. 7             | 14. 89  | 0. 30     | 4186           |
| 3191  |       |     | 49.36                                             |        |           | 4. 2                 |         |           | 3528           |
| 3192  |       | 9.0 | 12 1.20                                           | 3.049  | 0.004     | 1 28 33. 5           | 14. 90  | 0. 30     | 4187           |
| 3193  |       |     | 1.16                                              |        |           | 33. 3                |         |           | 3707           |
| 3194  | 3427  | 7.3 | 9 12 47.89                                        | 3.042  | —0.004    | —1 55 54. 5          | —14. 95 | —0. 29    | 4101           |
| 3195  |       |     | 47.81                                             |        |           | 57. 0                |         |           | 3845           |

3170. Bonner Durchm. — 0° Nr. 2162. — 3172. Duplex,  $d = 7''0$ , den folgenden beob. — 3173. Den folgenden von 2. — 3174. Dupl.  $d = 12''0$ , den folgenden beob.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|--------|-----------|----------------|
| 3196  |       | 8.5 | 9 <sup>h</sup> 13 <sup>m</sup> 34 <sup>s</sup> 65 | 3 <sup>s</sup> 070 | —0 <sup>s</sup> 005 | —0° 7' 22"7          | —15"00 | —0"29     | 3378           |
| 3197  |       |     | 34.74                                             |                    |                     | 24.7                 |        |           | 3989           |
| 3198  |       | 9.0 | 13 36.63                                          | 3.047              | 0.004               | 1 36 18.8            | 15.00  | 0.29      | 4249           |
| 3199  |       |     | 36.39                                             |                    |                     | 20.7                 |        |           | 3990           |
| 3200  |       | 9.0 | 13 44.95                                          | 3.050              | 0.004               | 1 27 24.6            | 15.01  | 0.29      | 4250           |
| 3201  |       |     | 44.80                                             |                    |                     | 24.9                 |        |           | 3708           |
| 3202  |       | 9.0 | 14 45.72                                          | 3.071              | 0.005               | 0 6 56.0             | 15.06  | 0.29      | 3379           |
| 3203  |       |     | 45.51                                             |                    |                     | 57.2                 |        |           | 3846           |
| 3204  | 3450  | 8.0 | 16 9.45                                           | 3.064              | 0.005               | 0 32 35.8            | 15.14  | 0.29      | 4102           |
| 3205* |       |     | 9.49                                              |                    |                     | 35.9                 |        |           | 3529           |
| 3206  |       | 9.0 | 16 15.46                                          | 3.042              | 0.004               | 2 1 56.5             | 15.15  | 0.29      | 3380           |
| 3207  |       |     | 15.42                                             |                    |                     | 56.5                 |        |           | 3709           |
| 3208* | 3463  | 8.8 | 17 7.07                                           | 3.063              | 0.005               | 0 34 43.5            | 15.20  | 0.29      | 3172           |
| 3209  |       |     | 7.00                                              |                    |                     | 46.7                 |        |           | 3710           |
| 3210  |       | 8.0 | 18 55.95                                          | 3.067              | 0.005               | 0 18 0.1             | 15.30  | 0.28      | 3140           |
| 3211  |       |     | 55.99                                             |                    |                     | 0.0                  |        |           | 3530           |
| 3212  |       | 8.9 | 19 26.68                                          | 3.069              | 0.005               | 0 13 11.5            | 15.33  | 0.28      | 3381           |
| 3213  |       |     | 26.54                                             |                    |                     | 10.8                 |        |           | 3711           |
| 3214  |       | 6.6 | 19 41.68                                          | 3.062              | 0.005               | 0 41 42.9            | 15.35  | 0.28      | 3173           |
| 3215  |       |     | 41.49                                             |                    |                     | 46.1                 |        |           | 3847           |
| 3216  |       | 6.2 | 20 0.38                                           | 3.059              | 0.005               | 0 55 26.7            | 15.36  | 0.28      | 4103           |
| 3217  |       |     | 0.31                                              |                    |                     | 29.4                 |        |           | 3991           |
| 3218  |       | 8.3 | 20 10.92                                          | 3.067              | 0.005               | 0 23 28.3            | 15.37  | 0.28      | 4188           |
| 3219  |       |     | 10.95                                             |                    |                     | 30.9                 |        |           | 3992           |
| 3220  |       | 8.5 | 20 27.98                                          | 3.054              | 0.004               | 1 13 26.3            | 15.39  | 0.28      | 4189           |
| 3221  |       |     | 27.99                                             |                    |                     | 26.6                 |        |           | 3712           |
| 3222  |       | 8.5 | 20 30.46                                          | 3.044              | 0.004               | 1 57 41.1            | 15.39  | 0.28      | 4104           |
| 3223  |       |     | 30.43                                             |                    |                     | 42.5                 |        |           | 4400           |
| 3224* |       | 9.0 | 21 60.31                                          | 3.049              | 0.004               | 1 34 3.3             | 15.42  | 0.28      | 4190           |
| 3225  |       |     | 59.90                                             |                    |                     | 5.3                  |        |           | 4401           |
| 3226  |       | 6.7 | 22 40.57                                          | 3.061              | 0.005               | 0 42 42.4            | 15.51  | 0.28      | 4105           |
| 3227  |       |     | 40.35                                             |                    |                     | 45.0                 |        |           | 3713           |
| 3228  | 3489  | 6.7 | 23 4.30                                           | 3.048              | 0.004               | 1 39 34.8            | 15.53  | 0.28      | 3174           |
| 3229* |       |     | 4.36                                              |                    |                     | 36.3                 |        |           | 3531           |
| 3230  |       | 9.0 | 25 4.39                                           | 3.057              | 0.004               | 1 3 22.4             | 15.64  | 0.28      | 3175           |
| 3231  |       |     | 4.25                                              |                    |                     | 25.0                 |        |           | 3714           |
| 3232  | 3502  | 4.8 | 25 36.63                                          | 3.063              | 0.004               | 0 38 4.7             | 15.67  | 0.28      | 3141           |
| 3233  |       |     | 36.57                                             |                    |                     | 4.5                  |        |           | 3532           |
| 3234  |       | 9.0 | 26 10.46                                          | 3.053              | 0.004               | 1 17 21.6            | 15.70  | 0.27      | 3382           |
| 3235  |       |     | 10.50                                             |                    |                     | 23.9                 |        |           | 3715           |
| 3236  |       | 8.6 | 26 23.50                                          | 3.070              | 0.004               | 0 10 46.8            | 15.72  | 0.27      | 4106           |
| 3237  |       |     | 23.42                                             |                    |                     | 49.6                 |        |           | 3848           |
| 3238  |       | 8.8 | 26 37.89                                          | 3.048              | 0.003               | 1 45 22.2            | 15.73  | 0.27      | 3176           |
| 3239  |       |     | 37.81                                             |                    |                     | 25.4                 |        |           | 3993           |
| 3240  |       | 9.0 | 9 26 54.41                                        | 3.047              | —0.003              | —1 46 15.3           | —15.74 | —0.27     | 4191           |

3205. Sehr schwach. — 3208. Schj's Decl. bedarf einer Correction von —1'. Benel stimmt mit uns. —  
 3224. Sehr schwach, nur an 3 Fäden. — 3229. Durch Wolken.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 3241  |       |     | 9 <sup>h</sup> 26 <sup>m</sup> 54 <sup>s</sup> 28 |                    |                     | —1° 46' 19" 2        |         |           | 3994           |
| 3242  |       | 8.9 | 27 19.97                                          | 3 <sup>s</sup> 043 | —0 <sup>s</sup> 003 | 2 0 19. 2            | —15" 77 | —0" 27    | 4192           |
| 3243  |       |     | 19.89                                             |                    |                     | 18. 7                |         |           | 3533           |
| 3244  |       | 9.0 | 28 13.10                                          | 3.050              | 0.003               | 1 29 6. 7            | 15. 82  | 0. 27     | 3383           |
| 3245  |       |     | 13.20                                             |                    |                     | 8. 6                 |         |           | 3716           |
| 3246  |       | 8.3 | 28 20.63                                          | 3.060              | 0.004               | 0 50 39. 7           | 15. 82  | 0. 27     | 3142           |
| 3247  |       |     | 20.46                                             |                    |                     | 42. 1                |         |           | 3849           |
| 3248  |       | 8.7 | 28 58.39                                          | 3.050              | 0.003               | 1 35 38. 9           | 15. 86  | 0. 27     | 3177           |
| 3249  |       |     | 58.37                                             |                    |                     | 40. 7                |         |           | 3534           |
| 3250  |       | 8.8 | 29 32.63                                          | 3.048              | 0.004               | 0 42 29. 1           | 15. 88  | 0. 27     | 3143           |
| 3251  |       |     | 32.82                                             |                    |                     | 28. 7                |         |           | 3717           |
| 3252  |       | 8.9 | 29 39.59                                          | 3.057              | 0.004               | 1 3 39. 5            | 15. 89  | 0. 27     | 3384           |
| 3253  |       |     | 39.65                                             |                    |                     | 43. 1                |         |           | 3850           |
| 3254  |       | 8.8 | 30 48.90                                          | 3.052              | 0.003               | 1 21 25. 0           | 15. 96  | 0. 27     | 3178           |
| 3255  |       |     | 49.05                                             |                    |                     | 27. 2                |         |           | 3535           |
| 3256  |       | 8.5 | 31 50.35                                          | 3.059              | 0.004               | 0 54 50. 1           | 16. 01  | 0. 27     | 3144           |
| 3257  |       |     | 50.48                                             |                    |                     | 49. 5                |         |           | 3536           |
| 3258  |       | 9.0 | 32 32.75                                          | 3.052              | 0.003               | 1 32 16. 0           | 16. 04  | 0. 27     | 3179           |
| 3259* |       |     | 32.54                                             |                    |                     | 17. 8                |         |           | 3718           |
| 3260  | 3551  | 4.0 | 33 28.35                                          | 3.064              | 0.004               | 0 34 32. 8           | 16. 09  | 0. 26     | 3385           |
| 3261  |       |     | 28.27                                             |                    |                     | 35. 8                |         |           | 3582           |
| 3262  |       | 8.7 | 33 46.86                                          | 3.065              | 0.004               | 0 28 13. 4           | 16. 11  | 0. 26     | 4107           |
| 3263  |       |     | 47.03                                             |                    |                     | 14. 7                |         |           | 3537           |
| 3264  |       | 8.8 | 34 2.32                                           | 3.060              | 0.004               | 0 49 13. 7           | 16. 12  | 0. 26     | 4193           |
| 3265  |       |     | 2.32                                              |                    |                     | 17. 5                |         |           | 3851           |
| 3266  |       | 8.5 | 34 10.55                                          | 3.056              | 0.004               | 1 9 48. 4            | 16. 13  | 0. 26     | 3145           |
| 3267  |       |     | 10.53                                             |                    |                     | 51. 3                |         |           | 3852           |
| 3268* |       | 9.0 | 34 11.28                                          | 3.064              | 0.004               | 0 32 51. 7           | 16. 13  | 0. 26     | 4108           |
| 3269  |       |     | 11.39                                             |                    |                     | 51. 3                |         |           | 3719           |
| 3270  | 3567  | 9.0 | 35 35.56                                          | 3.056              | 0.004               | 1 11 4. 7            | 16. 20  | 0. 26     | 3180           |
| 3271  |       |     | 35.50                                             |                    |                     | 6. 8                 |         |           | 3538           |
| 3272  |       | 8.7 | 36 31.72                                          | 3.050              | 0.003               | 1 40 18. 6           | 16. 25  | 0. 26     | 3146           |
| 3273  |       |     | 31.66                                             |                    |                     | 19. 5                |         |           | 3583           |
| 3274* |       | 9.0 | 36 37.30                                          | 3.053              | 0.003               | 1 23 21. 8           | 16. 26  | 0. 26     | 3386           |
| 3275  |       |     | 37.32                                             |                    |                     | 21. 5                |         |           | 3539           |
| 3276  |       | 9.0 | 37 49.86                                          | 3.053              | 0.003               | 1 26 24. 4           | 16. 32  | 0. 25     | 3181           |
| 3277  |       |     | 49.74                                             |                    |                     | 26. 1                |         |           | 3720           |
| 3278  | 3586  | 9.0 | 38 29.08                                          | 3.070              | 0.004               | 0 12 11. 5           | 16. 35  | 0. 25     | 4194           |
| 3279  |       |     | 29.21                                             |                    |                     | 13. 6                |         |           | 3540           |
| 3280  |       | 8.0 | 39 26.70                                          | 3.068              | 0.003               | 1 20 8. 9            | 16. 40  | 0. 25     | 3147           |
| 3281  |       |     | 26.67                                             |                    |                     | 10. 7                |         |           | 3584           |
| 3282  |       | 8.3 | 39 44.00                                          | 3.045              | 0.003               | 2 1 0. 9             | 16. 41  | 0. 25     | 3182           |
| 3283  |       |     | 43.90                                             |                    |                     | 2. 5                 |         |           | 3721           |
| 3284  |       | 9.0 | 9 40 26.07                                        | 3.062              | —0.004              | —0 43 4. 3           | —16. 45 | —0. 25    | 4195           |
| 3285  |       |     | 26.41                                             |                    |                     | 6. 0                 |         |           | 3541           |

3259. Sehr schwach. — 3268. Sehr schwach. — 3274. Etwas schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 3286  |       | 8.3 | 9 <sup>h</sup> 40 <sup>m</sup> 28 <sup>s</sup> .78 | 3.055  | —0.003    | —1° 19' 45" 5        | —16" 45 | —0" 25    | 3387           |
| 3287  |       |     | 28.66                                              |        |           | 46. 6                |         |           | 3722           |
| 3288  | 3602  | 8.3 | 40 59.83                                           | 3.067  | 0.004     | 0 26 1. 6            | 16. 48  | 0. 25     | 4109           |
| 3289  |       |     | 59.84                                              |        |           | 5. 5                 |         |           | 3585           |
| 3290  |       | 8.5 | 40 59.52                                           | 3.046  | 0.003     | 2 4 18. 7            | 16. 48  | 0. 25     | 3183           |
| 3291  |       |     | 59.52                                              |        |           | 24. 2                |         |           | 3853           |
| 3292  |       | 9.0 | 41 37.13                                           | 3.064  | 0.004     | 0 37 57. 5           | 16. 51  | 0. 25     | 4196           |
| 3293  |       |     | 37.28                                              |        |           | 59. 7                |         |           | 3542           |
| 3294* |       | 9.0 | 42 2.44                                            | 3.058  | 0.004     | 1 3 0. 45            | 16. 53  | 0. 25     | 3388           |
| 3295  |       |     | 1.75                                               |        |           | 0. 3                 |         |           | 3723           |
| 3296  | 3606  | 8.3 | 42 12.56                                           | 3.069  | 0.004     | 0 13 50. 1           | 16. 54  | 0. 25     | 3148           |
| 3297  |       |     | 12.51                                              |        |           | 50. 5                |         |           | 3854           |
| 3298  |       | 9.0 | 42 37.04                                           | 3.067  | 0.004     | 0 26 30. 7           | 16. 56  | 0. 25     | 3184           |
| 3299  |       |     | 36.90                                              |        |           | 32. 5                |         |           | 3995           |
| 3300  |       | 9.0 | 43 8.71                                            | 3.069  | 0.004     | 0 16 13. 7           | 16. 58  | 0. 24     | 4197           |
| 3301  |       |     | 8.67                                               |        |           | 13. 6                |         |           | 3543           |
| 3302  |       | 8.8 | 43 36.72                                           | 3.046  | 0.003     | 2 1 20. 0            | 16. 61  | 0. 24     | 4110           |
| 3303  |       |     | 36.60                                              |        |           | 22. 4                |         |           | 4402           |
| 3304  |       | 8.8 | 43 49.41                                           | 3.051  | 0.003     | 1 34 7. 7            | 16. 62  | 0. 24     | 3389           |
| 3305  |       |     | 49.14                                              |        |           | 9. 6                 |         |           | 3724           |
| 3306  |       | 8.0 | 44 1.81                                            | 3.061  | 0.004     | 0 50 23. 2           | 16. 63  | 0. 24     | 3149           |
| 3307  |       |     | 1.79                                               |        |           | 24. 8                |         |           | 3586           |
| 3308  |       | 8.8 | 44 3.50                                            | 3.054  | 0.003     | 1 27 21. 2           | 16. 63  | 0. 24     | 4251           |
| 3309  |       |     | 3.44                                               |        |           | 23. 1                |         |           | 3996           |
| 3310  |       | 8.7 | 44 16.92                                           | 3.047  | 0.003     | 1 55 45. 3           | 16. 64  | 0. 24     | 3185           |
| 3311  |       |     | 16.77                                              |        |           | 47. 4                |         |           | 3855           |
| 3312  |       | 8.8 | 44 21.36                                           | 3.065  | 0.004     | * 0 35 33. 0         | 16. 64  | 0. 24     | 4252           |
| 3313  |       |     | 20.94                                              |        |           | 34. 7                |         |           | 3997           |
| 3314  |       | 8.9 | 44 36.89                                           | 3.054  | 0.003     | 1 26 42. 8           | 16. 66  | 0. 24     | 4198           |
| 3315  |       |     | 37.01                                              |        |           | 44. 1                |         |           | 3725           |
| 3316  |       | 7.5 | 44 57.23                                           | 3.056  | 0.004     | 1 16 10. 3           | 16. 67  | 0. 24     | 4111           |
| 3317  |       |     | 57.13                                              |        |           | 15. 9                |         |           | 3587           |
| 3318  | 3636  | 8.5 | 47 1.60                                            | 3.070  | 0.004     | 0 11 56. 2           | 16. 77  | 0. 24     | 3186           |
| 3319  |       |     | 1.47                                               |        |           | 58. 3                |         |           | 3544           |
| 3320  | 3639  | 8.6 | 47 10.64                                           | 3.059  | 0.004     | 1 1 42. 8            | 16. 78  | 0. 24     | 3390           |
| 3321  |       |     | 10.75                                              |        |           | 43. 0                |         |           | 3726           |
| 3322  |       | 8.3 | 48 7.85                                            | 3.064  | 0.004     | 0 40 52. 7           | 16. 82  | 0. 23     | 3150           |
| 3323  |       |     | 7.59                                               |        |           | 54. 7                |         |           | 3727           |
| 3324  |       | 8.3 | 48 12.48                                           | 3.046  | 0.003     | 2 1 40. 3            | 16. 83  | 0. 23     | 3187           |
| 3325  |       |     | 12.46                                              |        |           | 41. 6                |         |           | 3545           |
| 3326  |       | 8.8 | 48 44.00                                           | 3.062  | 0.004     | 0 47 44. 6           | 16. 85  | 0. 23     | 4112           |
| 3327  |       |     | 44.05                                              |        |           | 47. 1                |         |           | 3856           |
| 3328  | 3650  | 8.2 | 49 12.03                                           | 3.066  | 0.004     | 0 31 57. 5           | 16. 88  | 0. 23     | 3391           |
| 3329  |       |     | 12.08                                              |        |           | 59. 9                |         |           | 3588           |
| 3330  |       | 8.3 | 9 50 24.26                                         | 3.051  | —0.003    | —1 41 47. 9          | —16. 93 | —0. 23    | 3151           |

3294. Sehr schwach, nur an 3 Fäden.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 3331  |       |     | 9 <sup>h</sup> 50 <sup>m</sup> 24 <sup>s</sup> 35 |                    |                     | —1° 41' 48" 3        |         |           | 3546           |
| 3332  |       | 8.9 | 50 24.69                                          | 3 <sup>s</sup> 056 | —0 <sup>s</sup> 003 | 1 17 17.4            | —16" 93 | —0" 23    | 3188           |
| 3333  |       |     | 24.62                                             |                    |                     | 20.3                 |         |           | 3728           |
| 3334  |       | 8.8 | 50 43.81                                          | 3.063              | 0.004               | 0 44 56.5            | 16.95   | 0.23      | 4113           |
| 3335  |       |     | 44.12                                             |                    |                     | 58.6                 |         |           | 3857           |
| 3336  |       | 7.3 | 51 22.08                                          | 3.055              | 0.003               | 1 20 51.5            | 16.98   | 0.23      | 3392           |
| 3337  |       |     | 22.26                                             |                    |                     | 53.2                 |         |           | 3589           |
| 3338  |       | 8.7 | 51 27.00                                          | 3.055              | 0.003               | 1 21 4.5             | 16.98   | 0.23      | 4199           |
| 3339  |       |     | 26.97                                             |                    |                     | 7.4                  |         |           | 3547           |
| 3340  |       | 9.0 | 52 58.95                                          | 3.055              | 0.003               | 1 21 3.7             | 17.05   | 0.23      | 3189           |
| 3341  |       |     | 58.78                                             |                    |                     | 3.6                  |         |           | 3729           |
| 3342  |       | 9.0 | 53 16.39                                          | 3.060              | 0.004               | 0 59 29.5            | 17.07   | 0.23      | 4114           |
| 3343  |       |     | 16.39                                             |                    |                     | 32.4                 |         |           | 3548           |
| 3344  | 3677  | 9.0 | 53 54.56                                          | 3.066              | 0.004               | 0 27 32.5            | 17.09   | 0.23      | 4200           |
| 3345  |       |     | 54.53                                             |                    |                     | 33.5                 |         |           | 3858           |
| 3346  |       | 9.0 | 54 5.21                                           | 3.064              | 0.004               | 0 38 24.7            | 17.10   | 0.23      | 3190           |
| 3347  |       |     | 5.28                                              |                    |                     | 25.2                 |         |           | 3730           |
| 3348  |       | 9.0 | 54 52.48                                          | 3.070              | 0.004               | 0 9 8.9              | 17.14   | 0.23      | 4201           |
| 3349  |       |     | 52.40                                             |                    |                     | 9.4                  |         |           | 4253           |
| 3350  |       |     | 52.35                                             |                    |                     | 9.4                  |         |           | 3859           |
| 3351  |       | 7.5 | 55 12.31                                          | 3.067              | 0.004               | 0 25 1.8             | 17.15   | 0.22      | 4115           |
| 3352  |       |     | 12.24                                             |                    |                     | 2.9                  |         |           | 3549           |
| 3353  |       | 9.0 | 55 20.11                                          | 3.056              | 0.003               | 1 22 20.7            | 17.16   | 0.22      | 4116           |
| 3354  |       |     | 19.83                                             |                    |                     | 21.8                 |         |           | 3731           |
| 3355  |       | 8.7 | 55 31.39                                          | 3.052              | 0.003               | 1 40 12.7            | 17.17   | 0.22      | 3393           |
| 3356  |       |     | 31.26                                             |                    |                     | 15.0                 |         |           | 3590           |
| 3357* |       |     | 55 34.26                                          | 3.055              | 0.003               | 1 23 39.7            | 17.17   | 0.22      | 4202           |
| 3358  |       |     | 34.31                                             |                    |                     | 40.5                 |         |           | 4254           |
| 3359  |       | 8.7 | 56 5.51                                           | 3.054              | 0.003               | 1 32 0.7             | 17.19   | 0.22      | 3191           |
| 3360  |       |     | 5.31                                              |                    |                     | 4.8                  |         |           | 3860           |
| 3361  | 3690  | 6.7 | 56 26.02                                          | 3.067              | 0.004               | 0 27 44.2            | 17.21   | 0.22      | 3152           |
| 3362  |       |     | 26.08                                             |                    |                     | 44.9                 |         |           | 3550           |
| 3363* |       | 8.5 | 57 54.73                                          | 3.059              | 0.004               | 1 5 13.3             | 17.27   | 0.22      | 3192           |
| 3364* |       |     | 54.93                                             |                    |                     | 14.9                 |         |           | 3551           |
| 3365  |       | 8.8 | 58 15.58                                          | 3.048              | 0.003               | 2 5 59.2             | 17.29   | 0.22      | 4203           |
| 3366  |       |     | 15.62                                             |                    |                     | 60.9                 |         |           | 3732           |
| 3367  |       | 9.0 | 58 23.89                                          | 3.063              | 0.004               | 0 44 4.4             | 17.30   | 0.22      | 4117           |
| 3368  |       |     | 23.90                                             |                    |                     | 9.5                  |         |           | 3861           |
| 3369  | 3710  | 9.0 | 9 59 53.77                                        | 3.062              | 0.004               | 0 53 1.7             | 17.36   | 0.22      | 3193           |
| 3370  |       |     | 53.83                                             |                    |                     | 3.8                  |         |           | 3733           |
| 3371  |       | 9.0 | 10 0 12.80                                        | 3.058              | 0.003               | 1 12 37.0            | 17.38   | 0.22      | 4118           |
| 3372  |       |     | 12.78                                             |                    |                     | 40.0                 |         |           | 3552           |
| 3373  |       | 8.5 | 0 23.92                                           | 3.051              | 0.003               | 1 47 8.5             | 17.38   | 0.22      | 3394           |
| 3374  |       |     | 23.60                                             |                    |                     | 12.7                 |         |           | 3862           |
| 3375  |       | 8.4 | 10 0 32.13                                        | 3.059              | —0.004              | —1 6 59.2            | —17.39  | —0.22     | 3153           |

3357. Nicht in den Bonner Durchm.; etwas schwächer als Nr. 3353. — 3363. Duplex, Pos. = 315°  
d = 4"0, Mitte beob. Register etwa 0<sup>m</sup>3 schwächer als Hauptstern. — 3364. Schwach, schien duplex  
zu sein, d = 3" bis 4", Mitte beob.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 3376  | 3717  | 8.6 | 10 <sup>h</sup> 0 <sup>m</sup> 32 <sup>s</sup> 38 | 3 <sup>s</sup> 050 | —0 <sup>s</sup> 003 | —1° 6' 61" 0         | —17" 44 | —0" 22    | 3591           |
| 3377  |       |     | 1 36.03                                           |                    |                     | 1 54 46. 2           |         |           | 3194           |
| 3378  |       |     | 35.93                                             |                    |                     | 47. 7                |         |           | 3734           |
| 3379  |       |     | 3 0.50                                            |                    |                     | 1 3 20. 1            |         |           | 4119           |
| 3380  |       |     | 0.40                                              |                    |                     | 21. 8                |         |           | 3592           |
| 3381  | 3729  | 7.8 | 4 40.53                                           | 3.052              | 0.003               | 1 47 59. 8           | 17. 57  | 0. 21     | 3195           |
| 3382  |       |     | 40.21                                             |                    |                     | 63. 8                |         |           | 3593           |
| 3383  |       |     | 4 50.43                                           |                    |                     | 1 22 7. 1            |         |           | 4120           |
| 3384  |       |     | 50.20                                             |                    |                     | 9. 7                 |         |           | 3735           |
| 3385  | 3735  | 8.6 | 5 11.02                                           | 3.060              | 0.003               | 1 6 49. 2            | 17. 59  | 0. 21     | 4204           |
| 3386  |       |     | 10.78                                             |                    |                     | 53. 0                |         |           | 3863           |
| 3387  |       |     | 5 12.86                                           |                    |                     | 0 34 16. 4           |         |           | 4255           |
| 3388* |       |     | 12.56                                             |                    |                     | 20. 2                |         |           | 3864           |
| 3389  |       |     | 5 52.27                                           |                    |                     | 0 38 38. 9           |         |           | 4121           |
| 3390  | 3736  | 9.0 | 52.30                                             | 3.066              | 0.004               | 41. 4                | 17. 59  | 0. 21     | 3736           |
| 3391  |       |     | 7 1.59                                            |                    |                     | 0 19 21. 8           |         |           | 4205           |
| 3392  |       |     | 1.54                                              |                    |                     | 24. 1                |         |           | 3594           |
| 3393  |       |     | 7 4.72                                            |                    |                     | 1 2 47. 6            |         |           | 4256           |
| 3394  |       |     | 4.61                                              |                    |                     | 48. 6                |         |           | 3737           |
| 3395  | 3761  | 8.2 | 8 10.68                                           | 3.067              | 0.003               | 0 30 25. 4           | 17. 71  | 0. 20     | 3196           |
| 3396  |       |     | 10.62                                             |                    |                     | 27. 8                |         |           | 3595           |
| 3397  |       |     | 8 50.41                                           |                    |                     | 0 55 37. 5           |         |           | 4206           |
| 3398  |       |     | 50.36                                             |                    |                     | 39. 0                |         |           | 3738           |
| 3399  |       |     | 9 28.99                                           |                    |                     | 1 24 7. 4            |         |           | 4122           |
| 3400  | 3765  | 8.7 | 29.18                                             | 3.053              | 0.002               | 9. 4                 | 17. 77  | 0. 20     | 3596           |
| 3401  |       |     | 9 33.62                                           |                    |                     | 1 47 34. 6           |         |           | 3197           |
| 3402  |       |     | 33.74                                             |                    |                     | 37. 6                |         |           | 3865           |
| 3403  |       |     | 9 45.60                                           |                    |                     | 0 58 32. 5           |         |           | 4257           |
| 3404  |       |     | 45.82                                             |                    |                     | 34. 6                |         |           | 3998           |
| 3405  | 3765  | 8.2 | 10 14.29                                          | 3.051              | 0.002               | 1 58 45. 6           | 17. 80  | 0. 20     | 4207           |
| 3406  |       |     | 14.43                                             |                    |                     | 48. 6                |         |           | 3866           |
| 3407  |       |     | 10 33.29                                          |                    |                     | 0 47 38. 6           |         |           | 4123           |
| 3408  |       |     | 33.48                                             |                    |                     | 40. 3                |         |           | 3739           |
| 3409  |       |     | 11 37.93                                          |                    |                     | 2 4 2. 1             |         |           | 3198           |
| 3410  | 3787  | 8.8 | 37.93                                             | 3.050              | 0.002               | 5. 4                 | 17. 86  | 0. 20     | 3740           |
| 3411  |       |     | 11 52.94                                          |                    |                     | 0 37 7. 6            |         |           | 4124           |
| 3412  |       |     | 53.30                                             |                    |                     | 11. 1                |         |           | 3597           |
| 3413  |       |     | 13 43.02                                          |                    |                     | 1 38 25. 5           |         |           | 3199           |
| 3414  |       |     | 42.92                                             |                    |                     | 26. 7                |         |           | 3741           |
| 3415  | 3787  | 9.0 | 14 0.36                                           | 3.051              | 0.002               | 2 4 24. 6            | 17. 95  | 0. 19     | 4125           |
| 3416  |       |     | 0.45                                              |                    |                     | 29. 3                |         |           | 3867           |
| 3417  |       |     | 14 26.41                                          |                    |                     | 0 50 8. 8            |         |           | 4208           |
| 3418  |       |     | 26.57                                             |                    |                     | 9. 6                 |         |           | 3999           |
| 3419  |       |     | 10 14 49.06                                       |                    |                     | —1 1 37. 8           |         |           | 3200           |
| 3420  |       | 8.9 | 49.09                                             | 3.061              | —0.003              | 38. 6                | —17. 98 | —0. 19    | 3742           |

3388. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 3421  |       | 7.3 | 10 <sup>h</sup> 15 <sup>m</sup> 39 <sup>s</sup> 89 | 3.071  | —0.003    | —0° 7' 16" 0         | —18' 01 | —0" 19    | 4126           |
| 3422  |       |     | 39.96                                              |        |           | 18. 4                |         |           | 3598           |
| 3423  |       | 9.0 | 16 0.76                                            | 3.067  | 0.003     | 0 31 3. 4            | 18. 03  | 0. 19     | 4209           |
| 3424  |       |     | 0.60                                               |        |           | 5. 5                 |         |           | 3743           |
| 3425  |       | 6.5 | 17 4.42                                            | 3.070  | 0.003     | 0 16 10. 6           | 18. 06  | 0. 19     | 3201           |
| 3426  |       |     | 4.48                                               |        |           | 11. 7                |         |           | 3599           |
| 3427  |       | 9.0 | 17 11.96                                           | 3.067  | 0.003     | 0 31 2. 7            | 18. 07  | 0. 19     | 4210           |
| 3428  |       |     | 11.97                                              |        |           | 5. 4                 |         |           | 3868           |
| 3429  |       | 7.8 | 17 27.49                                           | 3.055  | 0.002     | 1 38 38. 9           | 18. 08  | 0. 19     | 4127           |
| 3430  |       |     | 27.53                                              |        |           | 42. 4                |         |           | 3600           |
| 3431  |       | 8.5 | 18 14.50                                           | 3.052  | 0.002     | 1 59 15. 6           | 18. 11  | 0. 18     | 4258           |
| 3432  |       |     | 14.40                                              |        |           | 17. 6                |         |           | 3744           |
| 3433  |       | 7.8 | 18 22.45                                           | 3.071  | 0.003     | 0 9 25. 7            | 18. 12  | 0. 18     | 4488           |
| 3434  |       |     | 22.43                                              |        |           | 25. 2                |         |           | 3869           |
| 3435  |       | 8.8 | 18 26.67                                           | 3.059  | 0.002     | 1 22 12. 8           | 18. 12  | 0. 18     | 4489           |
| 3436  |       |     | 26.85                                              |        |           | 13. 4                |         |           | 4691           |
| 3437  |       |     | 26.83                                              |        |           | 13. 9                |         |           | 4000           |
| 3438  |       | 9.0 | 18 31.64                                           | 3.055  | 0.002     | 1 43 45. 6           | 18. 12  | 0. 18     | 4259           |
| 3439  |       |     | 31.51                                              |        |           | 48. 6                |         |           | 4001           |
| 3440  |       |     | 31.52                                              |        |           | 46. 0                |         |           | 4403           |
| 3441  | 3819  | 8.7 | 19 6.12                                            | 3.054  | 0.002     | 1 51 8. 6            | 18. 14  | 0. 18     | 4211           |
| 3442  |       |     | 6.08                                               |        |           | 10. 9                |         |           | 3870           |
| 3443* |       | 9.0 | 19 40.53                                           | 3.056  | 0.002     | 1 41 43. 9           | 18. 16  | 0. 18     | 4128           |
| 3444  |       |     | 40.76                                              |        |           | 46. 7                |         |           | 3745           |
| 3445  |       | 7.0 | 20 14.06                                           | 3.069  | 0.003     | 0 21 11. 4           | 18. 18  | 0. 18     | 4260           |
| 3446  |       |     | 13.93                                              |        |           | 12. 7                |         |           | 3601           |
| 3447  | 3827  | 9.0 | 20 30.77                                           | 3.068  | 0.003     | 0 24 17. 9           | 18. 19  | 0. 18     | 4490           |
| 3448  |       |     | 30.92                                              |        |           | 17. 9                |         |           | 4002           |
| 3449  |       | 8.5 | 21 12.03                                           | 3.069  | 0.003     | 0 19 34. 2           | 18. 22  | 0. 18     | 4129           |
| 3450  |       |     | 12.12                                              |        |           | 35. 1                |         |           | 3746           |
| 3451  |       | 8.5 | 21 35.50                                           | 3.053  | 0.002     | 2 4 33. 6            | 18. 23  | 0. 18     | 3202           |
| 3452  |       |     | 35.46                                              |        |           | 36. 8                |         |           | 3871           |
| 3453  |       | 8.3 | 22 0.96                                            | 3.067  | 0.003     | 0 29 10. 6           | 18. 25  | 0. 18     | 4261           |
| 3454  |       |     | 0.71                                               |        |           | 12. 7                |         |           | 4003           |
| 3455  |       | 9.0 | 23 3.66                                            | 3.068  | 0.003     | 0 27 8. 8            | 18. 29  | 0. 17     | 4262           |
| 3456  |       |     | 3.63                                               |        |           | 10. 5                |         |           | 3747           |
| 3457  |       | 5.0 | 23 7.80                                            | 3.053  | 0.002     | 2 5 57. 8            | 18. 29  | 0. 17     | 4130           |
| 3458  |       |     | 7.94                                               |        |           | 61. 1                |         |           | 3602           |
| 3459  |       | 8.5 | 23 40.33                                           | 3.058  | 0.002     | 1 33 50. 8           | 18. 31  | 0. 17     | 4212           |
| 3460  |       |     | 40.17                                              |        |           | 53. 2                |         |           | 3872           |
| 3461  |       | 8.7 | 24 40.78                                           | 3.055  | 0.002     | 1 53 50. 7           | 18. 34  | 0. 17     | 4131           |
| 3462  |       |     | 40.90                                              |        |           | 53. 7                |         |           | 3748           |
| 3463  |       | 8.8 | 25 1.00                                            | 3.056  | 0.002     | 1 47 51. 8           | 18. 36  | 0. 17     | 4213           |
| 3464  |       |     | 1.04                                               |        |           | 55. 6                |         |           | 3873           |
| 3465  | 3852  | 8.9 | 10 25 6.49                                         | 3.069  | —0.003    | —0 23 30. 5          | —18. 36 | —0. 17    | 4263           |

3443. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 3466  |       |     | 10 <sup>h</sup> 25 <sup>m</sup> 6 <sup>s</sup> 47 |        |           | —0° 23' 32" 0        |         |           | 4004           |
| 3467  |       | 8.7 | 25 32.72                                          | 3.056  | —0.002    | 1 45 51.4            | —18" 38 | —0" 17    | 4132           |
| 3468  |       |     | 32.67                                             |        |           | 50.2                 |         |           | 4404           |
| 3469* |       | 8.9 | 25 43.75                                          | 3.059  | 0.002     | 1 31 8.4             | 18.38   | 0.17      | 4491           |
| 3470  |       |     | 43.90                                             |        |           | 8.5                  |         |           | 3749           |
| 3471  | 3859  | 8.5 | 25 46.10                                          | 3.054  | 0.002     | 2 0 51.3             | 18.38   | 0.17      | 4264           |
| 3472  |       |     | 45.85                                             |        |           | 52.0                 |         |           | 3874           |
| 3473  |       | 8.7 | 26 11.29                                          | 3.067  | 0.003     | 0 31 34.0            | 18.40   | 0.17      | 4214           |
| 3474  |       |     | 11.31                                             |        |           | 33.9                 |         |           | 4405           |
| 3475  |       | 8.6 | 26 19.64                                          | 3.070  | 0.003     | 0 13 23.7            | 18.40   | 0.17      | 4492           |
| 3476  |       |     | 19.84                                             |        |           | 22.9                 |         |           | 4005           |
| 3477  |       | 9.0 | 27 9.85                                           | 3.068  | 0.003     | 0 31 31.4            | 18.43   | 0.17      | 4692           |
| 3478  |       |     | 9.92                                              |        |           | 32.6                 |         |           | 3875           |
| 3479  |       | 8.7 | 27 21.27                                          | 3.056  | 0.002     | 1 48 51.9            | 18.44   | 0.17      | 4133           |
| 3480  |       |     | 21.41                                             |        |           | 55.3                 |         |           | 3750           |
| 3481  |       | 8.9 | 29 29.96                                          | 3.059  | 0.002     | 1 24 24.6            | 18.51   | 0.16      | 4134           |
| 3482  |       |     | 29.91                                             |        |           | 27.3                 |         |           | 3876           |
| 3483* |       | 8.7 | 29 31.34                                          | 3.059  | 0.002     | 1 31 39.0            | 18.51   | 0.16      | 4215           |
| 3484  |       |     | 31.59                                             |        |           | 41.5                 |         |           | 3751           |
| 3485  |       | 8.5 | 30 0.55                                           | 3.062  | 0.002     | 1 7 38.8             | 18.53   | 0.16      | 4216           |
| 3486  |       |     | 0.54                                              |        |           | 43.0                 |         |           | 4006           |
| 3487  |       | 9.0 | 31 4.21                                           | 3.057  | 0.002     | 1 43 35.6            | 18.56   | 0.16      | 4265           |
| 3488  |       |     | 4.04                                              |        |           | 37.5                 |         |           | 3752           |
| 3489  |       | 8.8 | 31 43.84                                          | 3.058  | 0.002     | 1 34 55.6            | 18.59   | 0.16      | 4493           |
| 3490  |       |     | 43.91                                             |        |           | 56.4                 |         |           | 3877           |
| 3491  |       | 8.7 | 31 48.42                                          | 3.061  | 0.002     | 1 19 29.3            | 18.59   | 0.16      | 4135           |
| 3492  |       |     | 48.54                                             |        |           | 32.0                 |         |           | 4007           |
| 3493  |       | 8.2 | 32 10.13                                          | 3.060  | 0.002     | 1 24 5.7             | 18.60   | 0.16      | 4266           |
| 3494  |       |     | 10.21                                             |        |           | 7.7                  |         |           | 3603           |
| 3495  |       | 9.0 | 32 16.70                                          | 3.056  | 0.001     | 1 51 3.6             | 18.60   | 0.16      | 4494           |
| 3496  |       |     | 16.61                                             |        |           | 5.2                  |         |           | 3753           |
| 3497  |       | 8.8 | 33 12.88                                          | 3.058  | 0.002     | 1 41 48.3            | 18.63   | 0.16      | 4217           |
| 3498  |       |     | 12.81                                             |        |           | 50.4                 |         |           | 3878           |
| 3499  |       | 8.9 | 33 50.55                                          | 3.070  | 0.003     | 0 14 36.6            | 18.65   | 0.16      | 4136           |
| 3500  |       |     | 50.46                                             |        |           | 38.7                 |         |           | 4008           |
| 3501  |       | 9.0 | 34 17.89                                          | 3.059  | 0.002     | 1 32 7.5             | 18.67   | 0.16      | 4218           |
| 3502  |       |     | 17.91                                             |        |           | 11.4                 |         |           | 3754           |
| 3503  | 3908  | 6.5 | 35 2.95                                           | 3.063  | 0.002     | 1 5 4.3              | 18.69   | 0.16      | 4137           |
| 3504  |       |     | 2.62                                              |        |           | 8.1                  |         |           | 3879           |
| 3505  |       | 9.0 | 36 11.17                                          | 3.056  | 0.001     | 1 52 4.3             | 18.73   | 0.15      | 4219           |
| 3506  |       |     | 11.12                                             |        |           | 6.5                  |         |           | 3755           |
| 3507  |       | 7.5 | 36 26.71                                          | 3.059  | 0.001     | 1 31 16.0            | 18.74   | 0.15      | 4267           |
| 3508  |       |     | 26.49                                             |        |           | 20.7                 |         |           | 3604           |
| 3509  |       | 8.8 | 10 36 42.65                                       | 3.065  | —0.002    | —0 49 20.0           | —18.74  | —0.15     | 4138           |
| 3510  |       |     | 42.77                                             |        |           | 21.8                 |         |           | 4009           |

3469. Fäden stimmen schlecht. — 3483. Aeusserst schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 3511  |       | 8.8 | 10 <sup>h</sup> 38 <sup>m</sup> 7 <sup>s</sup> 17 | 3 <sup>s</sup> 059 | —0 <sup>s</sup> 001 | —1° 40' 57" 6        | —18" 79 | —0" 15    | 4220           |
| 3512  |       |     | 7.10                                              |                    |                     | 58. 2                |         |           | 3756           |
| 3513  |       | 8.9 | 38 11.78                                          | 3.068              | 0.002               | 0 29 29.1            | 18. 79  | 0. 15     | 4268           |
| 3514  |       |     | 11.68                                             |                    |                     | 29. 8                |         |           | 4406           |
| 3515  | 3927  | 8.5 | 38 12.45                                          | 3.057              | 0.001               | 1 49 1. 0            | 18. 79  | 0. 15     | 4495           |
| 3516  |       |     | 12.61                                             |                    |                     | 2. 4                 |         |           | 4010           |
| 3517* |       | 8.7 | 39 17.04                                          | 3.065              | 0.002               | 0 50 17. 7           | 18. 82  | 0. 15     | 4139           |
| 3518* |       |     | 16.78                                             |                    |                     | 17. 6                |         |           | 3757           |
| 3519  |       | 8.7 | 39 49.63                                          | 3.057              | 0.001               | 1 47 10. 5           | 18. 84  | 0. 15     | 4221           |
| 3520  |       |     | 49.71                                             |                    |                     | 11. 7                |         |           | 3880           |
| 3521  |       | 9.0 | 40 19.06                                          | 3.063              | 0.002               | 1 1 29. 0            | 18. 85  | 0. 15     | 4269           |
| 3522  |       |     | 19.01                                             |                    |                     | 31. 4                |         |           | 4011           |
| 3523  |       | 8.8 | 40 34.44                                          | 3.061              | 0.001               | 1 28 52. 0           | 18. 86  | 0. 15     | 4140           |
| 3524  |       |     | 34.46                                             |                    |                     | 55. 1                |         |           | 4012           |
| 3525  |       | 8.4 | 40 53.39                                          | 3.062              | 0.001               | 1 13 6. 5            | 18. 87  | 0. 15     | 4496           |
| 3526  |       |     | 53.54                                             |                    |                     | 6. 4                 |         |           | 3605           |
| 3527  |       | 8.5 | 40 58.75                                          | 3.063              | 0.001               | 1 3 57. 6            | 18. 87  | 0. 15     | 4497           |
| 3528  |       |     | 58.71                                             |                    |                     | 59. 0                |         |           | 3881           |
| 3529  |       | 8.7 | 41 10.77                                          | 3.062              | 0.001               | 1 26 1. 2            | 18. 88  | 0. 15     | 4222           |
| 3530  |       |     | 10 61                                             |                    |                     | 1. 6                 |         |           | 3758           |
| 3531  | 3947  | 6.5 | 42 18.16                                          | 3.062              | 0.001               | 1 17 56. 9           | 18. 91  | 0. 15     | 4141           |
| 3532  |       |     | 18.04                                             |                    |                     | 60. 9                |         |           | 3606           |
| 3533  |       | 8.8 | 42 56.23                                          | 3.056              | 0.001               | 2 6 44. 0            | 18. 93  | 0. 14     | 4223           |
| 3534  |       |     | 56.12                                             |                    |                     | 46. 2                |         |           | 3882           |
| 3535  |       | 8.7 | 43 31.24                                          | 3.056              | 0.001               | 2 2 12. 1            | 18. 95  | 0. 14     | 4270           |
| 3536  |       |     | 30.91                                             |                    |                     | 11. 9                |         |           | 3759           |
| 3537  |       | 8.5 | 43 33.92                                          | 3.062              | 0.001               | 1 17 50. 7           | 18. 95  | 0. 14     | 4142           |
| 3538  |       |     | 33.93                                             |                    |                     | 53. 8                |         |           | 4013           |
| 3539  |       | 9.0 | 44 7.83                                           | 3.057              | 0.001               | 2 1 50. 0            | 18. 97  | 0. 14     | 4224           |
| 3540  |       |     | 7.90                                              |                    |                     | 51. 2                |         |           | 3883           |
| 3541  |       | 8.5 | 45 19.74                                          | 3.058              | 0.001               | 1 56 0. 5            | 19. 00  | 0. 14     | 4143           |
| 3542  |       |     | 19.62                                             |                    |                     | 2. 4                 |         |           | 3760           |
| 3543  | 3965  | 8.7 | 45 20.94                                          | 3.058              | 0.001               | 1 48 12. 8           | 19. 00  | 0. 14     | 4271           |
| 3544  |       |     | 20.79                                             |                    |                     | 16. 2                |         |           | 4014           |
| 3545  |       | 9.0 | 46 8.47                                           | 3.070              | 0.002               | 0 18 8. 4            | 19. 02  | 0. 14     | 4225           |
| 3546  |       |     | 8.39                                              |                    |                     | 10. 6                |         |           | 3884           |
| 3547  |       | 8.8 | 46 18.71                                          | 3.066              | 0.002               | 0 52 27. 6           | 19. 03  | 0. 14     | 4272           |
| 3548  |       |     | 18.56                                             |                    |                     | 28. 9                |         |           | 3761           |
| 3549  |       | 6.7 | 47 3.57                                           | 3.061              | 0.001               | 1 35 16. 7           | 19. 05  | 0. 14     | 4226           |
| 3550  |       |     | 3.33                                              |                    |                     | 19. 2                |         |           | 4016           |
| 3551  |       | 9.0 | 47 3.61                                           | 3.061              | 0.001               | 1 35 51. 1           | 19. 05  | 0. 14     | 4144           |
| 3552  |       |     | 3.74                                              |                    |                     | 54. 8                |         |           | 4015           |
| 3553  | 3972  | 8.7 | 47 16.61                                          | 3.067              | 0.002               | 0 41 23. 5           | 19. 05  | 0. 14     | 4498           |
| 3554  |       |     | 16.69                                             |                    |                     | 26. 5                |         |           | 3885           |
| 3555  |       | 5.7 | 10 47 21.87                                       | 3.061              | —0.001              | —1 27 55. 2          | —19. 06 | —0. 14    | 4693           |

3517. Geschätzt 9<sup>m</sup>o. — 3518. Zwei \* in Parallel; sequens beob. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 3556  |       |     | 10 <sup>h</sup> 47 <sup>m</sup> 21 <sup>s</sup> 86 |                    |                     | —1° 27' 54" 4        |         |           | 4407           |
| 3557  |       | 8.3 | 48 11.45                                           | 3 <sup>s</sup> 066 | —0 <sup>s</sup> 002 | 0 51 11.3            | —19" 08 | —0" 13    | 4499           |
| 3558  |       |     | 11.09                                              |                    |                     | 12.6                 |         |           | 4780           |
| 3559* |       | 8.5 | 48 14.07                                           | 3.071              | 0.002               | 0 15 32.7            | 19.08   | 0.13      | 4273           |
| 3560  |       |     | 14.29                                              |                    |                     | 34.0                 |         |           | 4791           |
| 3561  |       | 8.5 | 48 26.67                                           | 3.071              | 0.002               | 0 15 9.4             | 19.09   | 0.13      | 4274           |
| 3562  |       |     | 26.64                                              |                    |                     | 9.8                  |         |           | 3762           |
| 3563  |       | 8.5 | 48 53.55                                           | 3.067              | 0.002               | 0 45 30.2            | 19.10   | 0.13      | 4145           |
| 3564  |       |     | 53.60                                              |                    |                     | 31.9                 |         |           | 4408           |
| 3565  |       | 8.7 | 49 1.00                                            | 3.071              | 0.002               | 0 8 47.4             | 19.10   | 0.13      | 4227           |
| 3566  |       |     | 0.89                                               |                    |                     | 49.7                 |         |           | 3886           |
| 3567  |       | 8.3 | 49 33.91                                           | 3.070              | 0.002               | 0 20 10.1            | 19.11   | 0.13      | 4641           |
| 3568  |       |     | 33.76                                              |                    |                     | 10.6                 |         |           | 4017           |
| 3569  |       | 8.2 | 49 43.30                                           | 3.065              | 0.002               | 0 57 6.7             | 19.12   | 0.13      | 4500           |
| 3570* |       |     | 43.10                                              |                    |                     | 6.6                  |         |           | 4781           |
| 3571  |       | 8.2 | 50 17.30                                           | 3.069              | 0.002               | 0 30 1.3             | 19.13   | 0.13      | 4146           |
| 3572  |       |     | 17.24                                              |                    |                     | 5.8                  |         |           | 3763           |
| 3573  |       | 8.2 | 52 27.26                                           | 3.062              | 0.001               | 1 33 54.4            | 19.19   | 0.13      | 4147           |
| 3574  |       |     | 27.12                                              |                    |                     | 60.3                 |         |           | 3764           |
| 3575  |       | 9.0 | 52 51.84                                           | 3.062              | 0.001               | 1 34 37.4            | 19.20   | 0.12      | 4148           |
| 3576  |       |     | 51.84                                              |                    |                     | 41.6                 |         |           | 3887           |
| 3577  |       | 8.5 | 53 27.22                                           | 3.063              | 0.001               | 1 19 31.0            | 19.21   | 0.12      | 4228           |
| 3578  |       |     | 27.26                                              |                    |                     | 33.5                 |         |           | 3765           |
| 3579  |       | 8.8 | 54 46.95                                           | 3.070              | 0.002               | 0 22 43.5            | 19.25   | 0.12      | 4229           |
| 3580  |       |     | 47.15                                              |                    |                     | 45.4                 |         |           | 3888           |
| 3581  |       | 9.0 | 54 57.64                                           | 3.060              | 0.000               | 1 47 28.9            | 19.25   | 0.12      | 4149           |
| 3582  |       |     | 57.79                                              |                    |                     | 32.4                 |         |           | 4018           |
| 3583  |       | 5.2 | 55 26.90                                           | 3.060              | 0.000               | 1 48 41.7            | 19.26   | 0.12      | 4150           |
| 3584  |       |     | 27.12                                              |                    |                     | 45.1                 |         |           | 3607           |
| 3585  |       | 9.0 | 56 18.69                                           | 3.066              | 0.001               | 0 52 40.5            | 19.28   | 0.12      | 4230           |
| 3586  |       |     | 19.01                                              |                    |                     | 40.2                 |         |           | 3766           |
| 3587  |       | 8.2 | 56 35.85                                           | 3.059              | 0.000               | 1 57 46.8            | 19.29   | 0.12      | 4501           |
| 3588  |       |     | 35.88                                              |                    |                     | 48.2                 |         |           | 4019           |
| 3589  |       | 9.0 | 56 38.92                                           | 3.067              | 0.001               | 0 54 11.6            | 19.29   | 0.12      | 4231           |
| 3590  |       |     | 38.89                                              |                    |                     | 13.5                 |         |           | 3889           |
| 3591  |       | 8.8 | 56 57.56                                           | 3.071              | 0.001               | 0 15 9.4             | 19.30   | 0.12      | 4275           |
| 3592  |       |     | 57.31                                              |                    |                     | 9.5                  |         |           | 4409           |
| 3593  |       | 8.7 | 57 7.51                                            | 3.067              | 0.001               | 0 48 48.1            | 19.30   | 0.12      | 4502           |
| 3594  |       |     | 7.46                                               |                    |                     | 49.7                 |         |           | 4020           |
| 3595  |       | 8.0 | 57 55.72                                           | 3.068              | 0.001               | 0 36 14.1            | 19.32   | 0.11      | 4151           |
| 3596  |       |     | 55.68                                              |                    |                     | 19.3                 |         |           | 3608           |
| 3597  |       | 8.4 | 58 21.68                                           | 3.061              | 0.000               | 1 50 20.4            | 19.33   | 0.11      | 4232           |
| 3598  |       |     | 21.59                                              |                    |                     | 22.8                 |         |           | 3890           |
| 3599  |       | 8.6 | 10 58 24.11                                        | 3.071              | —0.001              | —0 16 50.0           | —19.33  | —0.11     | 4152           |
| 3600  |       |     | 23.92                                              |                    |                     | 54.0                 |         |           | 4021           |

3559. Wurde auch beobachtet: 14<sup>s</sup> 33 und 32" 2. Beob. Nr. 4640. — 3570. Wurde auch beobachtet: 43<sup>s</sup> 29 und 8" 0. Beob. Nr. 4792.



| Nro. | Schj. | Gr. | Rectascension<br>1875.              | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|-------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 3601 |       | 8.4 | 11 <sup>h</sup> 1 <sup>m</sup> 44.0 | 3.063  | 0.000     | —1° 30' 7" 5         | —19" 40 | —0" 11    | 4153           |
| 3602 |       |     | 4.06                                |        |           | 12. 8                |         |           | 3891           |
| 3603 |       | 8.5 | 1 27.80                             | 3.071  | —0.001    | 0 17 15. 3           | 19. 40  | 0. 11     | 4233           |
| 3604 |       |     | 27.99                               |        |           | 15. 5                |         |           | 4410           |
| 3605 |       | 7.5 | 1 53.82                             | 3.065  | 0.000     | 1 13 36. 5           | 19. 41  | 0. 11     | 4234           |
| 3606 |       |     | 53.59                               |        |           | 36. 5                |         |           | 4782           |
| 3607 | 4048  | 8.0 | 2 0.18                              | 3.071  | 0.001     | 0 9 50. 6            | 19. 42  | 0. 11     | 4154           |
| 3608 |       |     | 0.03                                |        |           | 50. 7                |         |           | 3892           |
| 3609 |       | 8.3 | 2 6.72                              | 3.064  | 0.000     | 1 23 28. 6           | 19. 42  | 0. 11     | 4276           |
| 3610 |       |     | 6.77                                |        |           | 28. 9                |         |           | 4370           |
| 3611 |       | 8.5 | 2 31.05                             | 3.060  | 0.000     | 2 2 25. 5            | 19. 43  | 0. 11     | 4503           |
| 3612 |       |     | 30.88                               |        |           | 25. 9                |         |           | 4411           |
| 3613 |       | 7.5 | 2 50.90                             | 3.068  | 0.001     | 0 39 21. 6           | 19. 43  | 0. 11     | 4642           |
| 3614 |       |     | 50.83                               |        |           | 22. 3                |         |           | 4783           |
| 3615 | 4057  | 8.8 | 3 39.50                             | 3.066  | 0.000     | 1 8 3. 5             | 19. 45  | 0. 11     | 4277           |
| 3616 |       |     | 39.44                               |        |           | 4. 3                 |         |           | 4371           |
| 3617 |       | 8.5 | 4 6.23                              | 3.068  | 0.001     | 0 43 34. 7           | 19. 46  | 0. 11     | 4504           |
| 3618 |       |     | 6.19                                |        |           | 34. 8                |         |           | 4412           |
| 3619 |       | 8.0 | 4 56.46                             | 3.068  | 0.001     | 0 42 60. 2           | 19. 48  | 0. 10     | 4505           |
| 3620 |       |     | 56.35                               |        |           | 59. 8                |         |           | 4784           |
| 3621 |       | 8.5 | 5 1.44                              | 3.062  | 0.000     | 1 46 19. 2           | 19. 48  | 0. 10     | 4278           |
| 3622 |       |     | 1.56                                |        |           | 21. 4                |         |           | 4793           |
| 3623 | 4065  | 8.5 | 5 17.43                             | 3.070  | 0.001     | 0 25 23. 1           | 19. 49  | 0. 10     | 4694           |
| 3624 |       |     | 17.36                               |        |           | 22. 9                |         |           | 4413           |
| 3625 |       | 8.8 | 5 35.74                             | 3.072  | 0.001     | 0 6 14. 7            | 19. 49  | 0. 10     | 4643           |
| 3626 |       |     | 35.76                               |        |           | 17. 1                |         |           | 4794           |
| 3627 |       | 8.5 | 5 52.03                             | 3.069  | 0.001     | 0 30 9. 7            | 19. 50  | 0. 10     | 4695           |
| 3628 |       |     | 51.90                               |        |           | 8. 8                 |         |           | 4785           |
| 3629 |       | 8.5 | 6 0.74                              | 3.072  | 0.001     | 0 6 44. 0            | 19. 50  | 0. 10     | 4279           |
| 3630 |       |     | 0.74                                |        |           | 42. 0                |         |           | 4372           |
| 3631 |       | 8.5 | 6 27.31                             | 3.071  | 0.001     | 0 13 23. 8           | 19. 51  | 0. 10     | 4506           |
| 3632 |       |     | 27.04                               |        |           | 24. 0                |         |           | 4795           |
| 3633 |       | 8.5 | 6 45.20                             | 3.068  | 0.001     | 0 43 28. 6           | 19. 52  | 0. 10     | 4644           |
| 3634 |       |     | 44.88                               |        |           | 28. 1                |         |           | 4414           |
| 3635 |       | 9.0 | 7 24.77                             | 3.066  | 0.000     | 1 7 59. 1            | 19. 53  | 0. 10     | 4696           |
| 3636 |       |     | 24.81                               |        |           | 61. 7                |         |           | 4796           |
| 3637 |       | 8.5 | 8 2.74                              | 3.063  | 0.000     | 1 44 50. 5           | 19. 54  | 0. 10     | 4280           |
| 3638 |       |     | 2.86                                |        |           | 50. 6                |         |           | 4373           |
| 3639 | 4084  | 7.5 | 8 13.87                             | 3.069  | 0.001     | 0 35 22. 5           | 19. 54  | 0. 10     | 4507           |
| 3640 |       |     | 13.89                               |        |           | 21. 5                |         |           | 4786           |
| 3641 |       | 8.8 | 8 40.59                             | 3.071  | —0.001    | 0 17 32. 5           | 19. 55  | 0. 10     | 4645           |
| 3642 |       |     | 40.52                               |        |           | 32. 1                |         |           | 4415           |
| 3643 |       | 8.7 | 9 25.25                             | 3.064  | 0.000     | 1 37 5. 0            | 19. 57  | 0. 09     | 4281           |
| 3644 |       |     | 25.49                               |        |           | 4. 3                 |         |           | 4374           |
| 3645 |       | 9.0 | 11 9 47.10                          | 3.067  | 0.000     | —1 3 53. 3           | —19. 57 | —0. 09    | 4508           |



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 3646  |       |     | 11 <sup>h</sup> 9 <sup>m</sup> 46 <sup>s</sup> .84 |        |           | —1° 3' 50".4         |         |           | 4416           |
| 3647  |       | 8.8 | 10 21.20                                           | 3.070  | —0.001    | 0 23 22.8            | —19" 59 | —0" 09    | 4697           |
| 3648  |       |     | 21.22                                              |        |           | 21.5                 |         |           | 4797           |
| 3649  |       | 8.9 | 10 42.48                                           | 3.065  | 0.000     | 1 19 45.2            | 19.59   | 0.09      | 4282           |
| 3650  |       |     | 42.26                                              |        |           | 47.5                 |         |           | 4798           |
| 3651  |       | 8.8 | 11 26.83                                           | 3.063  | 0.000     | 1 52 22.0            | 19.61   | 0.09      | 4509           |
| 3652  |       |     | 26.65                                              |        |           | 22.0                 |         |           | 4375           |
| 3653* | 4110  | 7.0 | 13 1.09                                            | 3.068  | 0.000     | 0 57 55.3            | 19.63   | 0.09      | 4283           |
| 3654* |       |     | 1.11                                               |        |           | 55.9                 |         |           | 4376           |
| 3655  |       | 8.6 | 14 1.33                                            | 3.067  | 0.000     | 1 6 49.6             | 19.65   | 0.08      | 4510           |
| 3656  |       |     | 1.15                                               |        |           | 49.3                 |         |           | 4417           |
| 3657  | 4120  | 8.9 | 15 25.11                                           | 3.068  | 0.000     | 1 2 30.8             | 19.68   | 0.08      | 4284           |
| 3658  |       |     | 24.88                                              |        |           | 28.7                 |         |           | 4418           |
| 3659  |       | 8.4 | 15 44.92                                           | 3.065  | 0.000     | 1 42 12.3            | 19.68   | 0.08      | 4646           |
| 3660  |       |     | 45.08                                              |        |           | 11.9                 |         |           | 4377           |
| 3661  |       | 8.8 | 15 59.35                                           | 3.070  | 0.001     | 0 23 30.4            | 19.69   | 0.08      | 4511           |
| 3662  |       |     | 59.28                                              |        |           | 31.3                 |         |           | 4799           |
| 3663  | 4125  | 8.9 | 16 27.02                                           | 3.071  | —0.001    | 0 17 21.3            | 19.69   | 0.08      | 4285           |
| 3664  |       |     | 27.05                                              |        |           | 20.8                 |         |           | 4419           |
| 3665* |       | 9.3 | 17 13.37                                           | 3.070  | 0.000     | 0 27 42.0            | 19.71   | 0.08      | 4698           |
| 3666  |       | 8.7 | 17 25.76                                           | 3.063  |           | 1 55 7.5             | 19.71   | 0.08      | 4512           |
| 3667  |       |     | 25.61                                              |        |           | 8.6                  |         |           | 4378           |
| 3668  |       | 8.8 | 17 55.39                                           | 3.069  | 0.000     | 0 50 13.7            | 19.72   | 0.08      | 4647           |
| 3669  |       |     | 55.16                                              |        |           | 13.6                 |         |           | 4420           |
| 3670* |       | 9.0 | 17 57.65                                           | 3.067  | 0.000     | 1 12 46.1            | 19.72   | 0.08      | 4513           |
| 3671  |       |     | 57.65                                              |        |           | 47.0                 |         |           | 4800           |
| 3672* |       | 7.2 | 18 35.55                                           | 3.066  | +0.001    | 1 31 26.4            | 19.73   | 0.08      | 4648           |
| 3673  |       |     | 35.59                                              |        |           | 28.5                 |         |           | 4787           |
| 3674  |       | 8.8 | 19 28.49                                           | 3.066  | 0.001     | 1 26 18.9            | 19.74   | 0.07      | 4514           |
| 3675  |       |     | 28.42                                              |        |           | 18.6                 |         |           | 4421           |
| 3676  |       | 8.2 | 19 35.97                                           | 3.071  | 0.000     | 0 23 30.9            | 19.74   | 0.07      | 4286           |
| 3677  |       |     | 36.24                                              |        |           | 28.8                 |         |           | 4379           |
| 3678  |       | 7.1 | 21 30.59                                           | 3.069  | 0.001     | 1 0 43.6             | 19.77   | 0.07      | 4649           |
| 3679  |       |     | 30.65                                              |        |           | 43.6                 |         |           | 4380           |
| 3680  | 4150  | 7.7 | 21 39.85                                           | 3.071  | 0.000     | 0 12 32.8            | 19.77   | 0.07      | 4515           |
| 3681  |       |     | 39.80                                              |        |           | 33.1                 |         |           | 4788           |
| 3682  | 4151  | 8.3 | 21 40.67                                           | 3.065  | 0.001     | 1 47 1.7             | 19.77   | 0.07      | 4287           |
| 3683  |       |     | 40.47                                              |        |           | 1.6                  |         |           | 4422           |
| 3684  |       | 7.9 | 23 0.76                                            | 3.072  | 0.000     | 0 9 39.2             | 19.79   | 0.07      | 4288           |
| 3685  |       |     | 0.81                                               |        |           | 37.9                 |         |           | 4381           |
| 3686  |       | 8.9 | 23 27.04                                           | 3.067  | 0.001     | 1 21 14.7            | 19.80   | 0.06      | 4516           |
| 3687  |       |     | 26.92                                              |        |           | 15.3                 |         |           | 4423           |
| 3688  | 4170  | 7.7 | 25 36.82                                           | 3.068  | 0.001     | 1 5 34.8             | 19.83   | 0.06      | 4289           |
| 3689  |       |     | 36.95                                              |        |           | 34.6                 |         |           | 4382           |
| 3690  |       | 7.8 | 11 28 24.42                                        | 3.067  | +0.001    | —1 48 5.6            | —19.86  | —0.06     | 4650           |

3653 duplex. sequ. beob. — 3654. duplex  $d = 6''$ , 7<sup>m</sup> und 8<sup>m</sup>, sequ. beobachtet. — 3665. Nicht in der Bonner Durchmusterung. — 3670. Sehr schwach. — 3672. Fäden stimmen schlecht.



| Nro. | Schj. | Gr.      | Rectascension<br>1875.                              | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |  |
|------|-------|----------|-----------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|--|
| 3691 | 4189  | 8.2      | 11 <sup>h</sup> 28 <sup>m</sup> 24 <sup>s</sup> .49 | 3 <sup>s</sup> 067 | +0 <sup>s</sup> 001 | —1° 48' 5''9         | —19''86 | —0''06    | 4383           |  |
| 3692 |       |          | 28 29.48                                            |                    |                     | 1 32 23. 2           |         |           | 4517           |  |
| 3693 |       | 8.7      | 29 29.31                                            | 3.066              | 0.001               | 21. 1                | 19. 87  | 0. 05     | 4424           |  |
| 3694 |       |          | 29 12.19                                            |                    |                     | 1 54 46. 4           |         |           | 4290           |  |
| 3695 |       |          | 11.96                                               |                    |                     | 46. 9                |         |           | 4425           |  |
| 3696 |       | 4.7      | 30 32.83                                            | 3.072              | 0.000               | 0 8 1. 9             | 19. 89  | 0. 05     | 4518           |  |
| 3697 |       | 9.0      | 33.05                                               | 3.071              | 0.000               | 1. 1                 | 19. 89  | 0. 05     | 4384           |  |
| 3698 |       |          | 30 53.88                                            |                    |                     | 0 23 9. 5            |         |           | 4291           |  |
| 3699 |       |          | 53.52                                               |                    |                     | 9. 0                 |         |           | 4426           |  |
| 3700 |       | 8.5      | 31 3.19                                             | 3.070              | 0.000               | 0 47 31. 3           | 19. 89  | 0. 05     | 4651           |  |
| 3701 |       | 8.3      | 3.20                                                | 3.071              | 0.000               | 33. 3                | 19. 90  | 0. 05     | 4801           |  |
| 3702 |       |          | 31 30.70                                            |                    |                     | 0 27 35. 1           |         |           | 4519           |  |
| 3703 |       |          | 30.43                                               |                    |                     | 33. 4                |         |           | 4789           |  |
| 3704 |       | 8.2      | 31 37.96                                            | 3.070              | 0.000               | 0 54 45. 5           | 19. 90  | 0. 05     | 4699           |  |
| 3705 |       | 6.7      | 37.97                                               | 3.068              | 0.001               | 45. 7                | 19. 90  | 0. 05     | 4802           |  |
| 3706 | 4205  |          | 32 0.91                                             |                    |                     | 1 44 40. 0           |         |           | 4652           |  |
| 3707 |       |          | 0.91                                                |                    |                     | 40. 2                |         |           | 4790           |  |
| 3708 | 8.5   | 32 45.90 | 3.067                                               | 0.000              | 1 53 48. 4          | 19. 91               | 0. 05   | 4292      |                |  |
| 3709 | 8.9   | 45.90    | 3.066                                               | 0.001              | 46. 9               | 19. 92               | 0. 04   | 4385      |                |  |
| 3710 |       | 33 6.14  |                                                     |                    | 2 1 26. 0           |                      |         | 4520      |                |  |
| 3711 |       | 9.0      | 5.73                                                | 3.070              | 0.000               | 24. 1                | 19. 92  | 0. 04     | 4427           |  |
| 3712 |       |          | 33 21.35                                            |                    |                     | 0 44 51. 3           |         |           | 4653           |  |
| 3713 |       |          | 21.35                                               |                    |                     | 52. 8                |         |           | 4803           |  |
| 3714 |       | 9.0      | 34 7.02                                             | 3.068              | 0.001               | 1 45 57. 8           | 19. 93  | 0. 04     | 4293           |  |
| 3715 |       | 8.8      | 6.77                                                | 3.069              | 0.001               | 55. 2                | 19. 93  | 0. 04     | 4935           |  |
| 3716 | 4214  |          | 34 6.78                                             |                    |                     | 1 8 44. 0            |         |           | 4521           |  |
| 3717 |       |          | 6.79                                                |                    |                     | 41. 9                |         |           | 4386           |  |
| 3718 | 9.0   | 34 20.02 | 3.070                                               | 0.000              | 0 49 49. 2          | 19. 93               | 0. 04   | 4700      |                |  |
| 3719 | 8.7   | 20.11    | 3.066                                               | 0.001              | 50. 3               | 19. 93               | 0. 04   | 4804      |                |  |
| 3720 |       | 34 32.44 |                                                     |                    | 2 5 10. 3           |                      |         | 4654      |                |  |
| 3721 |       | 8.5      | 32.29                                               | 3.069              | 0.001               | 13. 2                | 19. 93  | 0. 04     | 4936           |  |
| 3722 |       |          | 34 55.35                                            |                    |                     | 1 4 61. 1            |         |           | 4701           |  |
| 3723 |       |          | 55.34                                               |                    |                     | 58. 8                |         |           | 4428           |  |
| 3724 |       | 9.0      | 36 13.17                                            | 3.072              | 0.001               | 0 14 43. 0           | 19. 95  | 0. 04     | 4294           |  |
| 3725 |       | 9.0      | 12.90                                               | 3.072              | 0.001               | 40. 8                | 19. 95  | 0. 04     | 4429           |  |
| 3726 | 4233  |          | 13.19                                               |                    |                     | 41. 7                |         |           | 4805           |  |
| 3727 |       |          | 37 2.44                                             |                    |                     | 0 15 5. 7            |         |           | 4522           |  |
| 3728 |       |          | 2.19                                                |                    |                     | 5. 1                 |         |           | 4937           |  |
| 3729 | 9.0   | 37 26.65 | 3.069                                               | 0.002              | 1 39 13. 8          | 19. 96               | 0. 04   | 4295      |                |  |
| 3730 |       | 8.5      | 26.62                                               | 3.071              | 0.001               | 13. 6                | 19. 96  | 0. 03     | 4806           |  |
| 3731 |       |          | 38 12.18                                            |                    |                     | 0 41 27. 8           |         |           | 4655           |  |
| 3732 |       |          | 12.21                                               |                    |                     | 27. 3                |         |           | 4387           |  |
| 3733 |       | 8.9      | 38 28.47                                            | 3.069              | 0.002               | 1 20 40. 3           | 19. 96  | 0. 03     | 4523           |  |
| 3734 |       | 8.7      | 28.14                                               | 3.070              | +0.001              | 40. 9                | —19. 98 | —0. 03    | 4430           |  |
| 3735 | 4252  |          | 11 40 36.27                                         |                    |                     | —0 56 10. 7          |         |           | 4296           |  |



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 3736  |       |     | 11 <sup>h</sup> 40 <sup>m</sup> 36 <sup>s</sup> 19 |        |           | —0° 56' 9" 1         |         |           | 4388           |
| 3737  |       | 9.0 | 43 12.54                                           | 3.068  | +0.002    | 2 3 6.3              | —20" 00 | —0" 03    | 4297           |
| 3738  |       |     | 12.42                                              |        |           | 4.8                  |         |           | 4431           |
| 3739  |       | 9.0 | 44 0.48                                            | 3.071  | 0.001     | 0 33 34.2            | 20.01   | 0.02      | 4298           |
| 3740  |       |     | 0.28                                               |        |           | 30.6                 |         |           | 4432           |
| 3741* | 4273  | 8.0 | 44 3.02                                            | 3.069  | 0.002     | 1 43 22.8            | 20.01   | 0.02      | 4524           |
| 3742  |       |     | 2.97                                               |        |           | 22.4                 |         |           | 4389           |
| 3743  | 4287  | 9.0 | 46 33.30                                           | 3.072  | 0.001     | 0 34 34.9            | 20.02   | 0.02      | 4299           |
| 3744  |       |     | 33.06                                              |        |           | 35.3                 |         |           | 4433           |
| 3745  |       | 9.0 | 47 35.33                                           | 3.071  | 0.002     | 1 5 4.2              | 20.02   | 0.01      | 4525           |
| 3746* |       |     | 35.08                                              |        |           | 5.5                  |         |           | 4807           |
| 3747  |       | 8.3 | 47 38.15                                           | 3.072  | 0.001     | 0 20 37.1            | 20.02   | 0.01      | 4656           |
| 3748  |       |     | 38.18                                              |        |           | 37.9                 |         |           | 4390           |
| 3749  |       | 8.0 | 48 26.72                                           | 3.071  | 0.001     | 0 44 40.2            | 20.03   | 0.01      | 4702           |
| 3750  |       |     | 26.85                                              |        |           | 41.6                 |         |           | 4808           |
| 3751  | 4294  | 8.5 | 48 30.71                                           | 3.070  | 0.002     | 1 40 43.9            | 20.03   | 0.01      | 4300           |
| 3752* |       |     | 30.45                                              |        |           | 41.0                 |         |           | 4938           |
| 3753  |       | 9.0 | 48 51.99                                           | 3.070  | 0.002     | 1 50 43.2            | 20.03   | 0.01      | 4657           |
| 3754* |       |     | 51.66                                              |        |           | 42.7                 |         |           | 4939           |
| 3755  |       | 8.5 | 49 37.20                                           | 3.071  | 0.001     | 0 44 44.0            | 20.03   | —0.01     | 4526           |
| 3756  |       |     | 37.27                                              |        |           | 44.4                 |         |           | 4809           |
| 3757  |       | 7.7 | 53 10.37                                           | 3.071  | 0.002     | 1 13 20.2            | 20.05   | 0.00      | 4301           |
| 3758  |       |     | 10.23                                              |        |           | 17.8                 |         |           | 4434           |
| 3759  |       | 6.8 | 54 37.76                                           | 3.071  | 0.002     | 1 4 12.0             | 20.05   | 0.00      | 4527           |
| 3760  |       |     | 37.75                                              |        |           | 9.7                  |         |           | 4940           |
| 3761  |       | 8.8 | 54 39.99                                           | 3.071  | 0.002     | 0 53 37.5            | 20.05   | 0.00      | 4302           |
| 3762  |       |     | 39.75                                              |        |           | 35.9                 |         |           | 4435           |
| 3763  |       | 9.0 | 55 2.45                                            | 3.071  | 0.002     | 1 31 37.2            | 20.05   | 0.00      | 4658           |
| 3764* |       |     | 2.49                                               |        |           | 40.4                 |         |           | 4810           |
| 3765* |       | 9.0 | 55 33.86                                           | 3.071  | 0.002     | 1 32 28.1            | 20.05   | 0.00      | 4528           |
| 3766  |       |     | 33.80                                              |        |           | 29.0                 |         |           | 4436           |
| 3767  |       | 9.0 | 56 27.30                                           | 3.072  | 0.002     | 0 44 17.1            | 20.05   | 0.00      | 4303           |
| 3768  |       |     | 27.22                                              |        |           | 16.8                 |         |           | 4811           |
| 3769  |       | 8.5 | 56 51.42                                           | 3.072  | 0.002     | 0 55 57.3            | 20.05   | 0.00      | 4659           |
| 3770  |       |     | 51.31                                              |        |           | 56.4                 |         |           | 4941           |
| 3771  | 4347  | 8.0 | 57 8.08                                            | 3.072  | 0.002     | 1 45 3.7             | 20.05   | +0.01     | 4660           |
| 3772  |       |     | 7.96                                               |        |           | 3.0                  |         |           | 4437           |
| 3773  |       | 8.6 | 58 22.84                                           | 3.072  | 0.002     | 0 27 51.5            | 20.05   | 0.01      | 4304           |
| 3774  |       |     | 22.63                                              |        |           | 51.0                 |         |           | 4812           |
| 3775  | 4361  | 8.4 | 58 52.87                                           | 3.072  | 0.002     | 0 48 56.2            | 20.05   | 0.01      | 4529           |
| 3776  |       |     | 52.71                                              |        |           | 54.8                 |         |           | 4438           |
| 3777  |       | 8.8 | 59 5.07                                            | 3.072  | 0.002     | 0 16 33.1            | 20.05   | 0.01      | 4305           |
| 3778  |       |     | 5.04                                               |        |           | 32.2                 |         |           | 4813           |
| 3779  |       | 8.5 | 11 59 30.79                                        | 3.072  | +0.003    | —1 45 61.0           | —20.05  | +0.01     | 4661           |
| 3780  |       |     | 30.66                                              |        |           | 58.2                 |         |           | 4942           |

3741. Fäden stimmen schlecht. — 3746. sehr schwach, 9<sup>m</sup>5. — 3752. Fäden stimmen schlecht. —  
 3754. Nur an 2 Fäden. — 3764. Fäden stimmen schlecht. — 3765. Sehr hell, 8<sup>m</sup>5.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec.            | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|----------------------|----------------------|----------|-----------|----------------|
| 3781  | 4377  | 8.7 | 12 <sup>h</sup> 1 <sup>m</sup> 55 <sup>s</sup> .04 | 3.072  | +0 <sup>s</sup> .003 | —1° 23' 41'' 7       | —20'' 05 | +0'' 01   | 4530           |
| 3782  |       |     | 55.07                                              |        |                      | 40. 3                |          |           | 4439           |
| 3783  |       | 8.8 | 3 24.61                                            | 3.072  | 0.002                | 0 18 30. 7           | 20. 05   | 0. 02     | 4662           |
| 3784  |       |     | 24.41                                              |        |                      | 28. 5                |          |           | 4440           |
| 3785  |       | 8.8 | 4 1.91                                             | 3.073  | 0.003                | 1 39 35. 2           | 20. 05   | 0. 02     | 4531           |
| 3786  |       |     | 1.74                                               |        |                      | 32. 7                |          |           | 4943           |
| 3787* |       | 8.5 | 4 4.01                                             | 3.073  | 0.003                | 1 32 39. 9           | 20. 05   | 0. 02     | 4703           |
| 3788* |       |     | 3.97                                               |        |                      | 42. 0                |          |           | 4814           |
| 3789  | 4396  | 8.5 | 4 51.93                                            | 3.073  | 0.003                | 1 19 8. 7            | 20. 05   | 0. 02     | 4663           |
| 3790  |       |     | 51.66                                              |        |                      | 9. 4                 |          |           | 4441           |
| 3791  |       | 6.8 | 4 57.57                                            | 3.073  | 0.003                | 2 0 2. 6             | 20. 05   | 0. 02     | 4704           |
| 3792  |       |     | 57.66                                              |        |                      | 3. 0                 |          |           | 4815           |
| 3793  |       | 7.0 | 6 17.97                                            | 3.073  | 0.003                | 1 46 32. 6           | 20. 05   | 0. 02     | 4532           |
| 3794  |       |     | 17.83                                              |        |                      | 30. 8                |          |           | 4442           |
| 3795  |       | 8.0 | 7 12.63                                            | 3.073  | 0.002                | 0 32 29. 3           | 20. 04   | 0. 03     | 4533           |
| 3796  |       |     | 12.79                                              |        |                      | 30. 5                |          |           | 4816           |
| 3797  |       | 7.5 | 8 36.19                                            | 3.073  | 0.002                | 0 37 53. 5           | 20. 04   | 0. 03     | 4705           |
| 3798  |       |     | 36.30                                              |        |                      | 53. 8                |          |           | 4817           |
| 3799  |       | 9.0 | 8 37.79                                            | 3.074  | 0.004                | 1 47 28. 8           | 20. 04   | 0. 03     | 4664           |
| 3800  |       |     | 37.73                                              |        |                      | 31. 1                |          |           | 4443           |
| 3801  |       | 8.0 | 10 19.71                                           | 3.074  | 0.004                | 2 2 39. 6            | 20. 03   | 0. 03     | 4534           |
| 3802  |       |     | 19.40                                              |        |                      | 40. 5                |          |           | 4444           |
| 3803  | 4434  | 9.0 | 11 7.01                                            | 3.074  | 0.004                | 1 21 46. 6           | 20. 03   | 0. 03     | 4665           |
| 3804  |       |     | 7.14                                               |        |                      | 47. 7                |          |           | 4818           |
| 3805  |       | 8.4 | 11 39.31                                           | 3.073  | 0.004                | 1 7 45. 2            | 20. 03   | 0. 03     | 4535           |
| 3806  |       |     | 39.11                                              |        |                      | 46. 8                |          |           | 4445           |
| 3807  |       | 9.0 | 12 43.21                                           | 3.074  | 0.004                | 1 20 44. 8           | 20. 02   | 0. 03     | 4666           |
| 3808  |       |     | 43.19                                              |        |                      | 47. 0                |          |           | 4819           |
| 3809  |       | 9.0 | 13 0.31                                            | 3.074  | 0.004                | 1 32 15. 9           | 20. 02   | 0. 03     | 4536           |
| 3810  |       |     | 0.21                                               |        |                      | 14. 1                |          |           | 4446           |
| 3811  |       | 9.0 | 15 57.13                                           | 3.076  | 0.004                | 2 4 56. 4            | 20. 01   | 0. 04     | 4537           |
| 3812  |       |     | 56.93                                              |        |                      | 56. 2                |          |           | 4447           |
| 3813* |       | 9.0 | 16 40.47                                           | 3.073  | 0.003                | 0 14 35. 2           | 20. 00   | 0. 04     | 4667           |
| 3814  |       |     | 40.60                                              |        |                      | 34. 0                |          |           | 4706           |
| 3815  |       |     | 40.60                                              |        |                      | 34. 2                |          |           | 4448           |
| 3816  |       | 9.0 | 17 46.19                                           | 3.073  | 0.003                | 0 33 3. 1            | 19. 99   | 0. 05     | 4538           |
| 3817  |       |     | 46.01                                              |        |                      | 2. 2                 |          |           | 4820           |
| 3818  | 4472  | 9.0 | 18 32.94                                           | 3.075  | 0.004                | 1 38 42. 7           | 19. 99   | 0. 05     | 4707           |
| 3819  |       |     | 32.92                                              |        |                      | 42. 6                |          |           | 4449           |
| 3820  | 4473  | 8.8 | 18 54.22                                           | 3.073  | 0.003                | 0 22 39. 5           | 19. 98   | 0. 05     | 4539           |
| 3821  |       |     | 53.86                                              |        |                      | 36. 6                |          |           | 4944           |
| 3822  |       | 9.0 | 19 5.16                                            | 3.075  | 0.004                | 1 26 56. 6           | 19. 98   | 0. 05     | 4708           |
| 3823  |       |     | 5.34                                               |        |                      | 59. 6                |          |           | 4821           |
| 3824  |       | 8.8 | 12 20 4.00                                         | 3.074  | +0.004               | —1 11 37. 3          | —19. 98  | +0. 05    | 4668           |
| 3825  |       |     | 4.04                                               |        |                      | 38. 3                |          |           | 4450           |

3787. Duplex 9<sup>m</sup>0 und 8<sup>m</sup>9, d = 12'', sequ. beobachtet. — 3788. Duplex im Parallel, sequ. beob. —  
 3813. Beide Coordinaten nicht sonderlich gut.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|----------|-----------|----------------|
| 3826  |       | 9.0 | 12 <sup>h</sup> 21 <sup>m</sup> 8 <sup>s</sup> .46 | 3.077  | +0.004    | —2° 5' 50'' 6        | —19'' 97 | +0'' 05   | 4540           |
| 3827  |       |     | 8.44                                               |        |           | 50.9                 |          |           | 4451           |
| 3828  |       | 8.0 | 21 22.35                                           | 3.076  | 0.004     | 1 41 14.0            | 19.97    | 0.05      | 4669           |
| 3829  |       |     | 22.14                                              |        |           | 13.6                 |          |           | 4945           |
| 3830  |       | 9.0 | 21 59.89                                           | 3.073  | 0.003     | 0 30 19.4            | 19.96    | 0.05      | 4709           |
| 3831  |       |     | 59.86                                              |        |           | 19.4                 |          |           | 4822           |
| 3832  |       | 8.8 | 22 1.33                                            | 3.077  | 0.004     | 2 4 5.0              | 19.96    | 0.05      | 4541           |
| 3833  |       |     | 0.97                                               |        |           | 5.8                  |          |           | 4946           |
| 3834  |       | 7.7 | 22 45.08                                           | 3.076  | 0.004     | 1 44 16.0            | 19.95    | 0.05      | 4710           |
| 3835  |       |     | 45.18                                              |        |           | 16.1                 |          |           | 4823           |
| 3836  |       | 8.7 | 22 58.55                                           | 3.074  | 0.003     | 0 32 29.8            | 19.95    | 0.05      | 4670           |
| 3837  |       |     | 58.19                                              |        |           | 27.8                 |          |           | 4452           |
| 3838  | 4501  | 8.5 | 23 54.62                                           | 3.075  | 0.004     | 1 15 2.9             | 19.94    | 0.06      | 4542           |
| 3839  |       |     | 54.50                                              |        |           | 1.5                  |          |           | 4947           |
| 3840  |       | 7.7 | 25 39.96                                           | 3.075  | 0.004     | 1 4 58.8             | 19.93    | 0.06      | 4543           |
| 3841  |       |     | 40.07                                              |        |           | 57.8                 |          |           | 4453           |
| 3842  |       | 8.6 | 26 37.78                                           | 3.077  | 0.004     | 1 35 59.0            | 19.92    | 0.06      | 4671           |
| 3843  |       |     | 37.80                                              |        |           | 59.4                 |          |           | 4824           |
| 3844  |       | 9.0 | 27 47.00                                           | 3.076  | 0.004     | 1 9 28.0             | 19.91    | 0.07      | 4544           |
| 3845  |       |     | 46.81                                              |        |           | 26.9                 |          |           | 4454           |
| 3846  | 4521  | 7.2 | 27 58.96                                           | 3.074  | 0.004     | 0 43 8.0             | 19.90    | 0.07      | 4672           |
| 3847  |       |     | 58.94                                              |        |           | 7.2                  |          |           | 4825           |
| 3848  |       | 9.0 | 29 23.46                                           | 3.077  | 0.005     | 1 39 13.4            | 19.89    | 0.07      | 4545           |
| 3849  |       |     | 23.30                                              |        |           | 11.5                 |          |           | 4455           |
| 3850  |       | 8.8 | 29 31.39                                           | 3.074  | 0.004     | 0 43 29.3            | 19.89    | 0.07      | 4673           |
| 3851  |       |     | 31.49                                              |        |           | 30.0                 |          |           | 4826           |
| 3852  |       | 7.5 | 30 40.41                                           | 3.077  | 0.005     | 1 37 43.5            | 19.87    | 0.07      | 4546           |
| 3853  |       |     | 40.42                                              |        |           | 41.2                 |          |           | 4456           |
| 3854  | 4554  | 8.0 | 32 32.67                                           | 3.073  | 0.004     | 0 9 59.9             | 19.85    | 0.07      | 4547           |
| 3855  |       |     | 32.44                                              |        |           | 57.5                 |          |           | 4457           |
| 3856  |       | 9.0 | 34 6.48                                            | 3.079  | 0.005     | 2 6 44.7             | 19.83    | 0.08      | 4548           |
| 3857  |       |     | 6.30                                               |        |           | 44.9                 |          |           | 4827           |
| 3858* |       | 2.8 | 35 19.74                                           | 3.075  | 0.004     | 0 45 46.6            | 19.82    | 0.08      | 4602           |
| 3859* |       |     | 19.80                                              |        |           | 46.6                 |          |           | 4828           |
| 3860  |       | 8.9 | 35 24.81                                           | 3.079  | 0.005     | 2 3 56.8             | 19.82    | 0.08      | 4674           |
| 3861  |       |     | 24.77                                              |        |           | 54.8                 |          |           | 4458           |
| 3862  |       | 8.8 | 36 32.88                                           | 3.078  | 0.005     | 1 34 2.6             | 19.80    | 0.08      | 4549           |
| 3863  |       |     | 32.48                                              |        |           | 3.1                  |          |           | 4948           |
| 3864  |       | 7.7 | 37 12.83                                           | 3.075  | 0.004     | 0 53 20.4            | 19.79    | 0.08      | 4603           |
| 3865  |       |     | 12.84                                              |        |           | 19.8                 |          |           | 4459           |
| 3866  |       | 8.5 | 37 17.74                                           | 3.075  | 0.004     | 0 45 9.2             | 19.79    | 0.08      | 4675           |
| 3867  |       |     | 17.57                                              |        |           | 7.2                  |          |           | 4949           |
| 3868  |       | 8.8 | 37 30.63                                           | 3.077  | 0.005     | 1 17 10.9            | 19.79    | 0.09      | 4711           |
| 3869  |       |     | 30.68                                              |        |           | 12.3                 |          |           | 4829           |
| 3870  | 4590  | 8.7 | 12 38 0.47                                         | 3.075  | +0.004    | —0 48 18.6           | —19.78   | +0.09     | 4550           |

3858.  $\gamma$  Virginis, den nördlicheren beob. — 3859.  $\gamma$ . Virg., desgl.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 3871 |       |     | 12 <sup>h</sup> 38 <sup>m</sup> 0 <sup>s</sup> 71 |        |           | —0° 48' 17" 6        |         |           | 4830           |
| 3872 |       | 8.9 | 38 15.12                                          | 3.080  | +0.005    | 2 1 22. 2            | —19" 78 | +0" 09    | 4676           |
| 3873 |       |     | 14.99                                             |        |           | 22. 7                |         |           | 4460           |
| 3874 |       | 9.0 | 39 7.15                                           | 3.075  | 0.004     | 0 38 29. 5           | 19. 76  | 0. 09     | 4604           |
| 3875 |       |     | 6.90                                              |        |           | 27. 7                |         |           | 4950           |
| 3876 |       | 8.3 | 40 8.14                                           | 3.073  | 0.004     | 0 8 16. 1            | 19. 75  | 0. 09     | 4551           |
| 3877 |       |     | 8.16                                              |        |           | 15. 7                |         |           | 4461           |
| 3878 |       | 8.8 | 41 31.34                                          | 3.074  | 0.004     | 0 19 38. 9           | 19. 73  | 0. 09     | 4552           |
| 3879 |       |     | 31.40                                             |        |           | 39. 7                |         |           | 4831           |
| 3880 |       | 8.7 | 42 33.27                                          | 3.076  | 0.004     | 0 49 16. 1           | 19. 71  | 0. 09     | 4677           |
| 3881 |       |     | 33.15                                             |        |           | 16. 9                |         |           | 4462           |
| 3882 |       | 8.9 | 43 59.14                                          | 3.077  | 0.005     | 1 8 37. 4            | 19. 69  | 0. 10     | 4678           |
| 3883 |       |     | 59.23                                             |        |           | 37. 8                |         |           | 4832           |
| 3884 |       | 9.0 | 44 33.87                                          | 3.076  | 0.004     | 0 54 12. 5           | 19. 68  | 0. 10     | 4712           |
| 3885 |       |     | 33.86                                             |        |           | 12. 2                |         |           | 4463           |
| 3886 | 4631  | 9.0 | 44 44.75                                          | 3.077  | 0.005     | 1 4 3. 5             | 19. 67  | 0. 10     | 4679           |
| 3887 |       |     | 44.85                                             |        |           | 3. 8                 |         |           | 4833           |
| 3888 |       | 8.2 | 45 47.67                                          | 3.073  | 0.004     | 0 14 56. 0           | 19. 66  | 0. 10     | 4605           |
| 3889 |       |     | 47.59                                             |        |           | 55. 5                |         |           | 4464           |
| 3890 |       | 8.8 | 46 30.23                                          | 3.075  | 0.004     | 0 34 18. 5           | 19. 64  | 0. 10     | 4680           |
| 3891 |       |     | 29.91                                             |        |           | 16. 3                |         |           | 4951           |
| 3892 |       | 8.8 | 46 32.47                                          | 3.073  | 0.004     | 0 13 56. 2           | 19. 64  | 0. 10     | 4606           |
| 3893 |       |     | 32.68                                             |        |           | 57. 2                |         |           | 5074           |
| 3894 | 4647  | 9.0 | 47 43.63                                          | 3.076  | 0.005     | 0 47 32. 4           | 19. 62  | 0. 11     | 4681           |
| 3895 |       |     | 43.65                                             |        |           | 34. 3                |         |           | 4465           |
| 3896 |       | 9.0 | 48 1.70                                           | 3.080  | 0.005     | 1 28 18. 2           | 19. 62  | 0. 11     | 4713           |
| 3897 |       |     | 1.59                                              |        |           | 20. 3                |         |           | 4834           |
| 3898 |       | 9.0 | 49 8.53                                           | 3.074  | 0.005     | 0 26 44. 5           | 19. 60  | 0. 11     | 4682           |
| 3899 |       |     | 8.35                                              |        |           | 44. 2                |         |           | 4952           |
| 3900 |       | 8.7 | 49 15.58                                          | 3.078  | 0.005     | 1 2 27. 4            | 19. 59  | 0. 11     | 4607           |
| 3901 |       |     | 15.29                                             |        |           | 27. 6                |         |           | 4466           |
| 3902 |       | 9.0 | 49 32.86                                          | 3.073  | 0.005     | 0 8 48. 4            | 19. 59  | 0. 11     | 4714           |
| 3903 |       |     | 32.96                                             |        |           | 47. 4                |         |           | 4835           |
| 3904 |       | 7.7 | 50 1.92                                           | 3.074  | 0.005     | 0 16 28. 0           | 19. 58  | 0. 11     | 4608           |
| 3905 |       |     | 1.85                                              |        |           | 25. 5                |         |           | 5028           |
| 3906 |       | 8.7 | 50 16.84                                          | 3.073  | 0.005     | 0 10 13. 3           | 19. 57  | 0. 11     | 5096           |
| 3907 |       |     | 16.79                                             |        |           | 14. 1                |         |           | 4836           |
| 3908 |       | 9.0 | 50 31.77                                          | 3.074  | 0.005     | 0 25 35. 1           | 19. 57  | 0. 11     | 4715           |
| 3909 |       |     | 31.49                                             |        |           | 33. 6                |         |           | 4953           |
| 3910 |       | 9.0 | 51 5.62                                           | 3.079  | 0.006     | 1 17 51. 8           | 19. 56  | 0. 11     | 4683           |
| 3911 |       |     | 5.81                                              |        |           | 54. 3                |         |           | 5075           |
| 3912 | 4673  | 8.8 | 51 9.75                                           | 3.083  | 0.006     | 2 5 2. 6             | 19. 56  | 0. 11     | 5097           |
| 3913 |       |     | 9.76                                              |        |           | 2. 1                 |         |           | 5029           |
| 3914 | 4674  | 9.0 | 12 51 28.87                                       | 3.079  | +0.006    | —1 22 40. 0          | —19. 55 | +0. 11    | 4716           |
| 3915 |       |     | 28.74                                             |        |           | 39. 1                |         |           | 4954           |



| Nro. | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 3916 |       | 8.5 | 12 <sup>h</sup> 52 <sup>m</sup> 3 <sup>s</sup> 17 | 3.074  | +0.005    | —0 22' 35" 5         | —19' 54 | +0" 11    | 4609           |
| 3917 |       |     | 3.06                                              |        |           | 33. 6                |         |           | 4467           |
| 3918 |       | 8.7 | 52 26.57                                          | 3.079  | 0.006     | 1 16 2. 9            | 19. 53  | 0. 11     | 5098           |
| 3919 |       |     | 26.54                                             |        |           | 2. 1                 |         |           | 5030           |
| 3920 |       | 8.8 | 52 31.23                                          | 3.073  | 0.005     | 0 10 2. 4            | 19. 53  | 0. 11     | 4717           |
| 3921 |       |     | 31.17                                             |        |           | 3. 8                 |         |           | 5076           |
| 3922 |       | 8.2 | 52 34.87                                          | 3.080  | 0.006     | 1 24 14. 2           | 19. 53  | 0. 11     | 4684           |
| 3923 |       |     | 34.85                                             |        |           | 15. 1                |         |           | 5031           |
| 3924 |       | 8.7 | 52 57.05                                          | 3.075  | 0.005     | 0 27 18. 5           | 19. 52  | 0. 11     | 4610           |
| 3925 |       |     | 57.18                                             |        |           | 17. 9                |         |           | 4837           |
| 3926 |       | 8.8 | 53 39.48                                          | 3.079  | 0.006     | 1 21 34. 3           | 19. 51  | 0. 11     | 5099           |
| 3927 |       |     | 39.39                                             |        |           | 33. 9                |         |           | 4955           |
| 3928 |       | 8.2 | 53 42.81                                          | 3.075  | 0.005     | 0 30 42. 2           | 19. 51  | 0. 11     | 4718           |
| 3929 |       |     | 43.04                                             |        |           | 42. 2                |         |           | 5077           |
| 3930 |       | 8.3 | 54 12.79                                          | 3.083  | 0.006     | 1 53 14. 3           | 19. 50  | 0. 11     | 4611           |
| 3931 |       |     | 12.78                                             |        |           | 13. 3                |         |           | 4468           |
| 3932 |       | 8.8 | 54 44.01                                          | 3.083  | 0.006     | 1 52 2. 8            | 19. 49  | 0. 11     | 4685           |
| 3933 |       |     | 43.95                                             |        |           | 2. 2                 |         |           | 4838           |
| 3934 |       | 8.5 | 56 24.44                                          | 3.073  | 0.005     | 0 7 15. 9            | 19. 45  | 0. 12     | 4612           |
| 3935 |       |     | 24.16                                             |        |           | 15. 6                |         |           | 4469           |
| 3936 |       | 9.0 | 56 32.18                                          | 3.077  | 0.005     | 0 50 8. 2            | 19. 45  | 0. 12     | 4686           |
| 3937 |       |     | 32.15                                             |        |           | 9. 1                 |         |           | 4839           |
| 3938 |       | 9.0 | 57 51.01                                          | 3.079  | 0.006     | 1 12 31. 1           | 19. 42  | 0. 12     | 4687           |
| 3939 |       |     | 50.73                                             |        |           | 32. 3                |         |           | 4956           |
| 3940 | 4716  | 8.8 | 57 57.41                                          | 3.080  | 0.006     | 1 18 6. 1            | 19. 42  | 0. 12     | 4306           |
| 3941 |       |     | 57.20                                             |        |           | 7. 0                 |         |           | 5032           |
| 3942 |       | 9.0 | 58 8.96                                           | 3.080  | 0.006     | 1 23 3. 8            | 19. 41  | 0. 12     | 4719           |
| 3943 |       |     | 9.13                                              |        |           | 5. 7                 |         |           | 5078           |
| 3944 |       | 9.0 | 58 46.31                                          | 3.075  | 0.005     | 0 29 40. 3           | 19. 40  | 0. 12     | 4720           |
| 3945 |       |     | 46.42                                             |        |           | 42. 0                |         |           | 4840           |
| 3946 | 4724  | 8.5 | 12 59 1.68                                        | 3.084  | 0.006     | 1 53 12. 5           | 19. 39  | 0. 12     | 4553           |
| 3947 |       |     | 1.98                                              |        |           | 12. 4                |         |           | 5033           |
| 3948 |       | 8.7 | 13 0 28.69                                        | 3.080  | 0.006     | 1 14 9. 3            | 19. 36  | 0. 12     | 4307           |
| 3949 |       |     | 28.45                                             |        |           | 9. 1                 |         |           | 4957           |
| 3950 |       | 9.0 | 0 37.60                                           | 3.084  | 0.006     | 2 0 4. 6             | 19. 36  | 0. 12     | 4688           |
| 3951 |       |     | 37.69                                             |        |           | 5. 4                 |         |           | 4841           |
| 3952 |       | 8.8 | 0 52.18                                           | 3.078  | 0.006     | 1 0 55. 4            | 19. 35  | 0. 12     | 4554           |
| 3953 |       |     | 51.90                                             |        |           | 55. 6                |         |           | 4958           |
| 3954 | 4739  | 8.5 | 2 3.95                                            | 3.085  | 0.006     | 2 0 43. 8            | 19. 32  | 0. 12     | 4308           |
| 3955 |       |     | 3.86                                              |        |           | 41. 9                |         |           | 4470           |
| 3956 |       | 9.0 | 3 29.53                                           | 3.077  | 0.006     | 0 44 11. 2           | 19. 29  | 0. 13     | 4309           |
| 3957 |       |     | 29.60                                             |        |           | 14. 0                |         |           | 4842           |
| 3958 |       | 8.5 | 4 31.53                                           | 3.085  | 0.007     | 2 3 49. 2            | 19. 26  | 0. 13     | 4689           |
| 3959 |       |     | 31.65                                             |        |           | 50. 1                |         |           | 4843           |
| 3960 |       | 8.0 | 13 6 19.24                                        | 3.083  | +0.006    | 1 36 4. 2            | 19. 22  | +0. 13    | 4555           |



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 3961  |       |     | 13 <sup>h</sup> 6 <sup>m</sup> 19 <sup>s</sup> 08 |        |           | —1° 36' 3" 4         |         |           | 4471           |
| 3962  |       | 7.3 | 6 20.73                                           | 3.079  | +0.006    | 1 5 37.0             | —19" 22 | +0" 13    | 4613           |
| 3963  |       |     | 20.80                                             |        |           | 37.3                 |         |           | 5034           |
| 3964  |       | 9.0 | 6 31.00                                           | 3.083  | 0.006     | 1 33 19.7            | 19.22   | 0.13      | 4310           |
| 3965  |       |     | 31.10                                             |        |           | 20.4                 |         |           | 4844           |
| 3966  |       | 9.0 | 6 42.98                                           | 3.078  | 0.006     | 0 51 51.8            | 19.21   | 0.13      | 4721           |
| 3967  |       |     | 42.96                                             |        |           | 50.2                 |         |           | 4959           |
| 3968  |       | 8.0 | 6 48.51                                           | 3.085  | 0.007     | 1 53 28.6            | 19.21   | 0.13      | 4311           |
| 3969  |       |     | 48.73                                             |        |           | 29.1                 |         |           | 5079           |
| 3970  |       | 9.0 | 7 17.01                                           | 3.079  | 0.006     | 0 54 9.5             | 19.20   | 0.13      | 4614           |
| 3971  |       |     | 16.73                                             |        |           | 8.6                  |         |           | 4960           |
| 3972  |       | 9.0 | 7 26.26                                           | 3.081  | 0.007     | 1 21 39.3            | 19.19   | 0.13      | 4690           |
| 3973  |       |     | 26.38                                             |        |           | 39.8                 |         |           | 5080           |
| 3974  |       | 9.0 | 7 32.14                                           | 3.084  | 0.007     | 1 46 6.1             | 19.19   | 0.13      | 4556           |
| 3975  |       |     | 31.96                                             |        |           | 5.2                  |         |           | 4845           |
| 3976  |       | 8.8 | 8 25.62                                           | 3.081  | 0.007     | 1 21 30.1            | 19.17   | 0.14      | 4722           |
| 3977  |       |     | 25.64                                             |        |           | 29.7                 |         |           | 4961           |
| 3978* |       | 8.7 | 8 55.91                                           | 3.080  | 0.006     | 1 5 3.0              | 19.15   | 0.14      | 4312           |
| 3979  |       |     | 55.86                                             |        |           | 3.6                  |         |           | 4846           |
| 3980  |       | 7.2 | 10 0.61                                           | 3.077  | 0.006     | 0 43 41.6            | 19.13   | 0.14      | 4557           |
| 3981  |       |     | 0.89                                              |        |           | 42.0                 |         |           | 5035           |
| 3982  |       | 8.8 | 11 2.17                                           | 3.079  | 0.007     | 1 1 28.8             | 19.10   | 0.14      | 4313           |
| 3983  |       |     | 2.24                                              |        |           | 26.8                 |         |           | 4847           |
| 3984  | 4772  | 8.9 | 12 28.82                                          | 3.086  | 0.007     | 1 52 17.9            | 19.06   | 0.14      | 4314           |
| 3985  |       |     | 28.78                                             |        |           | 19.4                 |         |           | 4962           |
| 3986  |       | 8.7 | 12 34.03                                          | 3.077  | 0.006     | 0 36 33.9            | 19.06   | 0.14      | 4558           |
| 3987  |       |     | 34.10                                             |        |           | 33.2                 |         |           | 5036           |
| 3988  |       | 9.0 | 15 29.32                                          | 3.074  | 0.006     | 0 13 5.3             | 18.98   | 0.15      | 4315           |
| 3989  |       |     | 29.20                                             |        |           | 5.3                  |         |           | 4848           |
| 3990  |       | 9.0 | 15 48.05                                          | 3.076  | 0.006     | 0 30 32.0            | 18.97   | 0.15      | 4723           |
| 3991  |       |     | 48.07                                             |        |           | 33.0                 |         |           | 5081           |
| 3992  |       | 9.0 | 16 55.23                                          | 3.079  | 0.006     | 0 50 36.9            | 18.94   | 0.15      | 4316           |
| 3993  |       |     | 55.29                                             |        |           | 36.5                 |         |           | 4849           |
| 3994  |       | 8.3 | 17 48.81                                          | 3.084  | 0.007     | 1 27 13.2            | 18.91   | 0.16      | 4559           |
| 3995  |       |     | 48.78                                             |        |           | 14.3                 |         |           | 4472           |
| 3996  |       | 8.8 | 17 57.51                                          | 3.085  | 0.007     | 1 39 26.5            | 18.91   | 0.16      | 4615           |
| 3997  |       |     | 57.43                                             |        |           | 26.4                 |         |           | 4963           |
| 3998  | 4803  | 8.5 | 18 47.78                                          | 3.085  | 0.007     | 1 34 23.1            | 18.88   | 0.16      | 4317           |
| 3999  |       |     | 47.91                                             |        |           | 23.5                 |         |           | 4850           |
| 4000  |       | 7.0 | 19 47.45                                          | 3.077  | 0.006     | 0 32 31.1            | 18.85   | 0.16      | 4318           |
| 4001  |       |     | 47.38                                             |        |           | 30.9                 |         |           | 4473           |
| 4002  |       | 9.0 | 21 1.23                                           | 3.076  | 0.006     | 0 25 11.7            | 18.81   | 0.16      | 4560           |
| 4003  |       |     | 1.35                                              |        |           | 12.6                 |         |           | 4851           |
| 4004  |       | 8.0 | 13 21 52.17                                       | 3.074  | +0.006    | —0 10 34.6           | —18.79  | +0.16     | 4319           |
| 4005  |       |     | 52.00                                             |        |           | 35.2                 |         |           | 4474           |

3978. Fäden stimmen schlecht.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                              | Praec.              | Var. sec.            | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|-----------------------------------------------------|---------------------|----------------------|----------------------|----------|-----------|----------------|
| 4006 |       | 9.0 | 13 <sup>h</sup> 22 <sup>m</sup> 30 <sup>s</sup> .72 | 3 <sup>s</sup> .077 | +0 <sup>s</sup> .006 | -0° 37' 12'' 9       | -18'' 77 | +0'' 16   | 4561           |
| 4007 |       |     | 30.85                                               |                     |                      | 14. 2                |          |           | 4852           |
| 4008 |       | 7.0 | 22 50.05                                            | 3.078               | 0.006                | 0 42 53. 9           | 18. 76   | 0. 17     | 4616           |
| 4009 |       |     | 49.99                                               |                     |                      | 52. 2                |          |           | 4475           |
| 4010 |       | 9.0 | 23 21.92                                            | 3.079               | 0.006                | 0 44 58. 0           | 18. 74   | 0. 17     | 4320           |
| 4011 |       |     | 22.06                                               |                     |                      | 60. 5                |          |           | 4853           |
| 4012 | 4830  | 7.8 | 23 49.12                                            | 3.083               | 0.007                | 1 14 52. 8           | 18. 73   | 0. 17     | 4562           |
| 4013 |       |     | 49.04                                               |                     |                      | 53. 9                |          |           | 5037           |
| 4014 |       | 9.0 | 24 17.21                                            | 3.086               | 0.007                | 1 37 45. 0           | 18. 71   | 0. 17     | 4617           |
| 4015 |       |     | 16.96                                               |                     |                      | 44. 8                |          |           | 4964           |
| 4016 |       | 8.7 | 24 44.24                                            | 3.086               | 0.007                | 1 37 2. 0            | 18. 70   | 0. 17     | 4321           |
| 4017 |       |     | 44.07                                               |                     |                      | 1. 9                 |          |           | 4965           |
| 4018 |       | 8.7 | 25 19.99                                            | 3.077               | 0.006                | 0 35 34. 3           | 18. 68   | 0. 17     | 4563           |
| 4019 |       |     | 20.07                                               |                     |                      | 34. 5                |          |           | 5038           |
| 4020 |       | 7.5 | 25 21.01                                            | 3.086               | 0.007                | 1 40 58. 3           | 18. 68   | 0. 17     | 4618           |
| 4021 |       |     | 20.75                                               |                     |                      | 58. 6                |          |           | 4476           |
| 4022 |       | 8.6 | 26 10.21                                            | 3.089               | 0.008                | 1 57 15. 0           | 18. 65   | 0. 17     | 4619           |
| 4023 |       |     | 10.36                                               |                     |                      | 14. 7                |          |           | 4854           |
| 4024 | 4842  | 8.0 | 26 31.01                                            | 3.088               | 0.008                | 1 46 49. 9           | 18. 64   | 0. 17     | 4564           |
| 4025 |       |     | 30.93                                               |                     |                      | 50. 2                |          |           | 4477           |
| 4026 |       | 9.0 | 27 19.29                                            | 3.079               | 0.007                | 0 46 55. 0           | 18. 63   | 0. 17     | 4322           |
| 4027 |       |     | 19.34                                               |                     |                      | 55. 9                |          |           | 4855           |
| 4028 |       | 8.5 | 28 46.85                                            | 3.089               | 0.008                | 1 55 54. 0           | 18. 57   | 0. 18     | 4323           |
| 4029 |       |     | 47.20                                               |                     |                      | 54. 4                |          |           | 5039           |
| 4030 |       | 8.8 | 28 55.22                                            | 3.089               | 0.008                | 1 50 14. 5           | 18. 56   | 0. 18     | 4724           |
| 4031 |       |     | 55.14                                               |                     |                      | 13. 8                |          |           | 4966           |
| 4032 |       | 9.0 | 29 21.59                                            | 3.090               | 0.008                | 2 4 49. 7            | 18. 55   | 0. 18     | 5100           |
| 4033 |       |     | 21.69                                               |                     |                      | 52. 8                |          |           | 4856           |
| 4034 |       | 8.5 | 29 27.86                                            | 3.075               | 0.007                | 0 19 28. 8           | 18. 55   | 0. 18     | 4565           |
| 4035 |       |     | 27.96                                               |                     |                      | 28. 1                |          |           | 5082           |
| 4036 | 4859  | 7.7 | 29 51.80                                            | 3.074               | 0.007                | 0 17 23. 4           | 18. 53   | 0. 18     | 4620           |
| 4037 |       |     | 51.75                                               |                     |                      | 24. 8                |          |           | 4478           |
| 4038 |       | 8.7 | 30 7.82                                             | 3.089               | 0.008                | 1 52 36. 3           | 18. 52   | 0. 18     | 4725           |
| 4039 |       |     | 8.12                                                |                     |                      | 37. 1                |          |           | 5040           |
| 4040 |       | 8.8 | 30 18.73                                            | 3.077               | 0.007                | 0 37 17. 6           | 18. 52   | 0. 18     | 5101           |
| 4041 |       |     | 18.49                                               |                     |                      | 17. 2                |          |           | 4967           |
| 4042 |       | 8.5 | 31 27.00                                            | 3.086               | 0.008                | 1 27 5. 6            | 18. 48   | 0. 18     | 4621           |
| 4043 |       |     | 26.91                                               |                     |                      | 7. 3                 |          |           | 4968           |
| 4044 |       | 9.0 | 31 30.56                                            | 3.081               | 0.007                | 0 56 11. 4           | 18. 47   | 0. 18     | 4324           |
| 4045 |       |     | 30.53                                               |                     |                      | 12. 4                |          |           | 4857           |
| 4046 |       | 9.0 | 31 50.43                                            | 3.078               | 0.007                | 0 39 3. 6            | 18. 47   | 0. 18     | 4726           |
| 4047 |       |     | 50.48                                               |                     |                      | 2. 3                 |          |           | 5041           |
| 4048 |       | 9.0 | 32 1.75                                             | 3.089               | 0.008                | 1 55 55. 6           | 18. 46   | 0. 18     | 5102           |
| 4049 |       |     | 1.41                                                |                     |                      | 56. 1                |          |           | 5083           |
| 4050 |       | 8.8 | 13 31 60.05                                         | 3.075               | +0.007               | -0 21 49. 3          | -18. 46  | +0. 18    | 4727           |



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                              | Praec. | Var. sec. | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|-----------------------------------------------------|--------|-----------|----------------------|----------|-----------|----------------|
| 4051  |       |     | 13 <sup>h</sup> 31 <sup>m</sup> 59 <sup>s</sup> .94 |        |           | —0° 21' 49'' 5       |          |           | 4969           |
| 4052* |       | 9.0 | 32 17.10                                            | 3.077  | +0.007    | 0 35 59.7            | —18'' 45 | +0'' 18   | 5103           |
| 4053  |       |     | 17.42                                               |        |           | 58.2                 |          |           | 5136           |
| 4054* |       |     | 17.19                                               |        |           | —                    |          |           | 5084           |
| 4055  |       | 8.0 | 32 27.83                                            | 3.089  | 0.008     | 1 53 42.4            | 18.44    | 0.18      | 4325           |
| 4056  |       |     | 27.77                                               |        |           | 43.5                 |          |           | 4479           |
| 4057* | 4877  | 9.2 | 33 10.60                                            | 3.078  | 0.007     | 0 35 20.5            | 18.42    | 0.19      | 5085           |
| 4058  |       | 9.0 | 33 39.32                                            | 3.081  | 0.007     | 0 58 50.0            | 18.40    | 0.19      | 4728           |
| 4059  |       |     | 39.57                                               |        |           | 53.2                 |          |           | 4858           |
| 4060  |       | 9.0 | 33 46.97                                            | 3.089  | 0.008     | 1 44 10.2            | 18.40    | 0.19      | 4326           |
| 4061  |       |     | 46.64                                               |        |           | 8.8                  |          |           | 4970           |
| 4062  |       | 8.2 | 36 28.07                                            | 3.089  | 0.008     | 1 50 12.8            | 18.30    | 0.19      | 4327           |
| 4063  |       |     | 27.98                                               |        |           | 14.4                 |          |           | 4480           |
| 4064  | 4894  | 8.2 | 36 32.73                                            | 3.078  | 0.007     | 0 34 34.5            | 18.30    | 0.19      | 4622           |
| 4065  |       |     | 32.68                                               |        |           | 38.1                 |          |           | 4859           |
| 4066  | 4903  | 9.0 | 38 38.95                                            | 3.074  | 0.007     | 0 8 36.6             | 18.22    | 0.20      | 4328           |
| 4067  |       |     | 39.11                                               |        |           | 37.3                 |          |           | 4860           |
| 4068  |       | 7.8 | 40 52.19                                            | 3.090  | 0.008     | 1 49 3.1             | 18.14    | 0.20      | 4329           |
| 4069  |       |     | 52.29                                               |        |           | 6.3                  |          |           | 4481           |
| 4070  |       | 8.8 | 41 39.99                                            | 3.082  | 0.007     | 0 57 12.0            | 18.11    | 0.20      | 4330           |
| 4071  |       |     | 40.33                                               |        |           | 14.2                 |          |           | 4861           |
| 4072  | 4926  | 8.7 | 42 7.99                                             | 3.076  | 0.007     | 0 23 54.5            | 18.10    | 0.20      | 4566           |
| 4073  |       |     | 7.86                                                |        |           | 53.5                 |          |           | 4971           |
| 4074  |       | 8.5 | 42 33.54                                            | 3.082  | 0.007     | 0 58 4.5             | 18.08    | 0.20      | 4331           |
| 4075  |       |     | 33.33                                               |        |           | 4.8                  |          |           | 4972           |
| 4076  | 4933  | 8.7 | 42 51.06                                            | 3.085  | 0.008     | 1 18 22.6            | 18.07    | 0.21      | 4623           |
| 4077  |       |     | 51.21                                               |        |           | 24.0                 |          |           | 4862           |
| 4078  |       | 9.0 | 45 50.11                                            | 3.082  | 0.007     | 0 53 12.5            | 17.95    | 0.21      | 4332           |
| 4079  |       |     | 49.98                                               |        |           | 15.0                 |          |           | 4863           |
| 4080  |       | 9.0 | 45 58.33                                            | 3.090  | 0.008     | 1 44 5.9             | 17.95    | 0.21      | 4567           |
| 4081  |       |     | 58.14                                               |        |           | 7.1                  |          |           | 4973           |
| 4082  |       | 8.5 | 47 41.64                                            | 3.086  | 0.008     | 1 20 52.5            | 17.88    | 0.22      | 4568           |
| 4083  |       |     | 41.41                                               |        |           | 53.2                 |          |           | 5042           |
| 4084  | 4963  | 8.8 | 47 41.52                                            | 3.076  | 0.007     | 0 20 27.3            | 17.88    | 0.22      | 4333           |
| 4085  |       |     | 41.61                                               |        |           | 28.8                 |          |           | 4864           |
| 4086  | 4970  | 6.2 | 48 17.00                                            | 3.082  | 0.007     | 0 53 15.4            | 17.86    | 0.22      | 5104           |
| 4087  |       |     | 16.98                                               |        |           | 14.4                 |          |           | 4482           |
| 4088  |       | 8.8 | 48 25.00                                            | 3.090  | 0.008     | 1 45 53.6            | 17.85    | 0.22      | 4729           |
| 4089  |       |     | 25.06                                               |        |           | 53.6                 |          |           | 4865           |
| 4090  |       | 8.8 | 48 26.91                                            | 3.078  | 0.007     | 0 29 32.0            | 17.85    | 0.22      | 4569           |
| 4091  |       |     | 26.84                                               |        |           | 31.7                 |          |           | 4974           |
| 4092  | 4974  | 9.0 | 49 2.50                                             | 3.081  | 0.007     | 0 50 4.9             | 17.83    | 0.22      | 4334           |
| 4093  |       |     | 2.39                                                |        |           | 6.0                  |          |           | 5105           |
| 4094  |       |     | 2.44                                                |        |           | 5.3                  |          |           | 5043           |
| 4095  |       | 9.0 | 13 49 11.45                                         | 3.079  | +0.007    | —0 41 20.4           | —17.82   | +0.22     | 4730           |

4052. Fäden stimmen schlecht. — 4054. Nur an 2 Fäden, keine Decl. — 4057. B. D. — 0° N. 2721.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 4096  |       |     | 13 <sup>h</sup> 49 <sup>m</sup> 11 <sup>s</sup> 54 |        |           | —0° 41' 21" 2        |         |           | 5044           |
| 4097  |       | 9.0 | 50 19.40                                           | 3.075  | +0.007    | 0 16 22.1            | —17' 78 | +0" 22    | 4335           |
| 4098  |       |     | 19.49                                              |        |           | 23. 9                |         |           | 4866           |
| 4099  |       | 8.7 | 51 26.78                                           | 3.090  | 0.008     | 1 42 24.5            | 17. 73  | 0. 22     | 4570           |
| 4100  |       |     | 26.81                                              |        |           | 23. 6                |         |           | 4867           |
| 4101  |       | 9.0 | 53 33.96                                           | 3.084  | 0.007     | 0 59 50.4            | 17. 64  | 0. 22     | 4336           |
| 4102  |       |     | 33.91                                              |        |           | 53. 5                |         |           | 4868           |
| 4103  |       | 8.3 | 54 14.17                                           | 3.089  | 0.008     | 1 28 34.2            | 17. 61  | 0. 22     | 4571           |
| 4104  |       |     | 14.00                                              |        |           | 36. 8                |         |           | 4483           |
| 4105  |       | 9.0 | 54 21.04                                           | 3.086  | 0.008     | 1 10 58.8            | 17. 61  | 0. 23     | 4731           |
| 4106  |       |     | 21.14                                              |        |           | 61. 4                |         |           | 4869           |
| 4107  |       | 8.5 | 56 4.83                                            | 3.090  | 0.008     | 1 35 25.1            | 17. 54  | 0. 23     | 4572           |
| 4108  |       |     | 5.11                                               |        |           | 25. 7                |         |           | 5045           |
| 4109  |       | 9.0 | 56 16.04                                           | 3.087  | 0.008     | 1 19 41.9            | 17. 53  | 0. 23     | 4732           |
| 4110  |       |     | 16.09                                              |        |           | 43. 6                |         |           | 4870           |
| 4111* |       | 9.0 | 56 24.65                                           | 3.092  | 0.009     | 1 46 20.3            | 17. 52  | 0. 23     | 4573           |
| 4112* |       |     | 24.64                                              |        |           | 21. 4                |         |           | 4975           |
| 4113  |       | 8.7 | 58 30.10                                           | 3.077  | 0.008     | 0 23 10.9            | 17. 43  | 0. 23     | 4337           |
| 4114  |       |     | 30.22                                              |        |           | 11. 9                |         |           | 4871           |
| 4115  |       | 8.6 | 13 58 50.78                                        | 3.076  | 0.008     | 0 18 57.9            | 17. 42  | 0. 23     | 4574           |
| 4116  |       |     | 50.62                                              |        |           | 57. 9                |         |           | 4976           |
| 4117  |       | 8.9 | 14 0 52.53                                         | 3.078  | 0.008     | 0 28 24.7            | 17. 33  | 0. 23     | 4338           |
| 4118  |       |     | 52.59                                              |        |           | 27. 1                |         |           | 4872           |
| 4119  | 5030  | 8.4 | 1 8.48                                             | 3.078  | 0.008     | 0 28 48.0            | 17. 32  | 0. 23     | 4575           |
| 4120  |       |     | 8.28                                               |        |           | 48. 0                |         |           | 4977           |
| 4121  | 5034  | 8.7 | 1 31.21                                            | 3.090  | 0.009     | 1 32 31.5            | 17. 30  | 0. 23     | 4733           |
| 4122  |       |     | 31.22                                              |        |           | 31. 9                |         |           | 5046           |
| 4123  | 5036  | 8.2 | 1 42.10                                            | 3.077  | 0.008     | 0 27 9.5             | 17. 29  | 0. 23     | 4339           |
| 4124  |       |     | 42.13                                              |        |           | 9. 3                 |         |           | 4576           |
| 4125  |       |     | 42.21                                              |        |           | 9. 8                 |         |           | 4484           |
| 4126  |       |     | 42.37                                              |        |           | 11. 0                |         |           | 4873           |
| 4127  | 5054  | 8.0 | 4 30.90                                            | 3.097  | 0.009     | 2 5 1.7              | 17. 17  | 0. 24     | 4340           |
| 4128  |       |     | 30.80                                              |        |           | 4. 2                 |         |           | 4485           |
| 4129  |       | 9.0 | 6 15.25                                            | 3.090  | 0.009     | 1 23 12.1            | 17. 09  | 0. 24     | 4577           |
| 4130  |       |     | 15.27                                              |        |           | 12. 7                |         |           | 4874           |
| 4131  | 5066  | 6.2 | 7 13.82                                            | 3.075  | 0.008     | 0 15 14.1            | 17. 04  | 0. 24     | 4341           |
| 4132  |       |     | 13.96                                              |        |           | 14. 6                |         |           | 4486           |
| 4133  |       | 8.9 | 7 36.63                                            | 3.087  | 0.009     | 1 12 18.0            | 17. 03  | 0. 24     | 4734           |
| 4134  |       |     | 36.73                                              |        |           | 18. 5                |         |           | 4875           |
| 4135  |       | 8.9 | 8 40.55                                            | 3.083  | 0.008     | 0 50 8.6             | 16. 98  | 0. 25     | 4342           |
| 4136  |       |     | 40.77                                              |        |           | 11. 0                |         |           | 4876           |
| 4137  | 5081  | 8.9 | 10 29.10                                           | 3.082  | 0.008     | 0 45 58.0            | 16. 89  | 0. 25     | 4343           |
| 4138  |       |     | 29.25                                              |        |           | 60. 4                |         |           | 4877           |
| 4139  | 5092  | 7.8 | 14 12 58.12                                        | 3.092  | +0.009    | —1 31 17.5           | —16. 77 | +0. 25    | 4344           |
| 4140  |       |     | 58.39                                              |        |           | 20. 0                |         |           | 4878           |

4111. Geschätzt = 7<sup>m</sup>5. — 4112. Hell. 8<sup>m</sup>5.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 4141 | 5098  | 5.0 | 14 <sup>h</sup> 13 <sup>m</sup> 6 <sup>s</sup> .21 | 3.094  | +0.009    | -1° 41' 12".6        | -16.77 | +0.25     | 4578           |
| 4142 |       |     | 6.02                                               |        |           | 13.1                 |        |           | 4487           |
| 4143 |       | 8.6 | 14 17.80                                           | 3.086  | 0.008     | 1 3 29.6             | 16.71  | 0.25      | 4735           |
| 4144 |       |     | 17.96                                              |        |           | 30.2                 |        |           | 4879           |
| 4145 |       | 9.0 | 14 26.89                                           | 3.092  | 0.009     | 1 32 29.5            | 16.70  | 0.25      | 4345           |
| 4146 | 5105  |     | 26.77                                              |        |           | 27.4                 |        |           | 4978           |
| 4147 |       | 8.7 | 14 38.03                                           | 3.097  | 0.009     | 1 55 26.1            | 16.69  | 0.25      | 4579           |
| 4148 |       |     | 38.05                                              |        |           | 25.8                 |        |           | 5047           |
| 4149 |       | 8.5 | 15 7.50                                            | 3.096  | 0.009     | 1 48 43.2            | 16.67  | 0.25      | 5106           |
| 4150 |       |     | 7.63                                               |        |           | 44.4                 |        |           | 4880           |
| 4151 | 5106  | 9.0 | 15 19.16                                           | 3.082  | 0.008     | 0 43 31.5            | 16.66  | 0.25      | 4736           |
| 4152 |       |     | 19.09                                              |        |           | 32.6                 |        |           | 4979           |
| 4153 |       | 6.7 | 15 32.26                                           | 3.091  | 0.009     | 1 24 56.0            | 16.65  | 0.26      | 4624           |
| 4154 |       |     | 32.16                                              |        |           | 57.2                 |        |           | 5048           |
| 4155 |       | 9.0 | 16 22.82                                           | 3.085  | 0.008     | 1 0 0.9              | 16.61  | 0.26      | 4346           |
| 4156 | 5123  |     | 22.91                                              |        |           | 0.8                  |        |           | 4980           |
| 4157 |       | 9.0 | 17 12.03                                           | 3.097  | 0.009     | 1 51 26.6            | 16.57  | 0.26      | 4580           |
| 4158 |       |     | 12.00                                              |        |           | 26.8                 |        |           | 4881           |
| 4159 |       | 7.5 | 18 8.22                                            | 3.096  | 0.009     | 1 46 29.5            | 16.52  | 0.26      | 4347           |
| 4160 |       |     | 8.65                                               |        |           | 31.6                 |        |           | 4882           |
| 4161 | 5123  | 8.8 | 18 51.70                                           | 3.078  | 0.008     | 0 25 21.0            | 16.49  | 0.26      | 4581           |
| 4162 |       |     | 51.52                                              |        |           | 22.6                 |        |           | 4981           |
| 4163 |       | 8.8 | 19 19.48                                           | 3.080  | 0.008     | 0 36 17.7            | 16.46  | 0.26      | 4348           |
| 4164 |       |     | 19.44                                              |        |           | 20.3                 |        |           | 5049           |
| 4165 |       | 8.5 | 19 38.45                                           | 3.074  | 0.008     | 0 7 32.5             | 16.45  | 0.26      | 4737           |
| 4166 | 5135  |     | 38.73                                              |        |           | 33.5                 |        |           | 4883           |
| 4167 |       | 8.7 | 20 12.61                                           | 3.079  | 0.008     | 0 31 17.1            | 16.43  | 0.26      | 4582           |
| 4168 |       |     | 12.02                                              |        |           | 17.2                 |        |           | 4982           |
| 4169 |       | 9.0 | 20 31.02                                           | 3.083  | 0.008     | 0 52 22.9            | 16.40  | 0.26      | 4738           |
| 4170 |       |     | 31.17                                              |        |           | 23.5                 |        |           | 5050           |
| 4171 | 5135  | 8.4 | 20 53.41                                           | 3.088  | 0.008     | 1 10 34.7            | 16.39  | 0.26      | 5107           |
| 4172 |       |     | 53.60                                              |        |           | 36.2                 |        |           | 5137           |
| 4173 |       |     | 53.33                                              |        |           | 34.5                 |        |           | 4983           |
| 4174 |       | 9.0 | 21 24.08                                           | 3.086  | 0.008     | 0 59 57.7            | 16.36  | 0.26      | 4349           |
| 4175 |       |     | 24.13                                              |        |           | 61.2                 |        |           | 4884           |
| 4176 | 5144  | 8.3 | 21 32.77                                           | 3.088  | 0.008     | 1 12 21.5            | 16.35  | 0.26      | 4583           |
| 4177 |       |     | 32.63                                              |        |           | 22.3                 |        |           | 5051           |
| 4178 |       | 5.0 | 21 45.80                                           | 3.095  | 0.009     | 1 39 58.6            | 16.34  | 0.26      | 4625           |
| 4179 |       |     | 45.84                                              |        |           | 59.9                 |        |           | 5086           |
| 4180 |       | 9.0 | 22 49.21                                           | 3.088  | 0.008     | 1 9 21.7             | 16.29  | 0.27      | 4350           |
| 4181 | 5144  |     | 48.99                                              |        |           | 21.8                 |        |           | 4984           |
| 4182 |       | 8.8 | 23 52.90                                           | 3.091  | 0.009     | 1 26 1.4             | 16.23  | 0.27      | 4351           |
| 4183 |       |     | 52.93                                              |        |           | 3.6                  |        |           | 4885           |
| 4184 |       | 8.8 | 14 24 29.68                                        | 3.084  | +0.008    | -0 51 20.9           | -16.20 | +0.27     | 4739           |
| 4185 |       |     | 29.65                                              |        |           | 19.6                 |        |           | 4985           |



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 4186  | 5166  | 8.2 | 14 <sup>h</sup> 25 <sup>m</sup> 36 <sup>s</sup> 28 | 3.090  | +0.008    | —1° 14' 6" 9         | —16" 14 | +0" 27    | 4352           |
| 4187  |       |     | 36.51                                              |        |           | 7. 8                 |         |           | 4886           |
| 4188  |       | 8.8 | 27 18.65                                           | 3.100  | 0.009     | 2 5 20. 0            | 16. 05  | 0. 27     | 4584           |
| 4189  |       |     | 18.79                                              |        |           | 21. 7                |         |           | 4887           |
| 4190  |       | 8.8 | 27 42.39                                           | 3.085  | 0.008     | 0 55 49. 9           | 16. 03  | 0. 27     | 4353           |
| 4191  |       |     | 42.15                                              |        |           | 51. 0                |         |           | 5052           |
| 4192  |       | 9.0 | 28 13.45                                           | 3.099  | 0.009     | 1 55 54. 7           | 16. 01  | 0. 28     | 4740           |
| 4193  |       |     | 13.53                                              |        |           | 56. 8                |         |           | 4888           |
| 4194  |       | 8.7 | 28 21.99                                           | 3.084  | 0.008     | 0 51 45. 2           | 16. 00  | 0. 28     | 4741           |
| 4195  |       |     | 21.72                                              |        |           | 45. 7                |         |           | 4986           |
| 4196  |       | 8.9 | 32 47.87                                           | 3.076  | 0.008     | 0 14 32. 6           | 15. 76  | 0. 28     | 4354           |
| 4197  |       |     | 48.01                                              |        |           | 34. 2                |         |           | 4889           |
| 4198  |       | 8.9 | 33 40.00                                           | 3.079  | 0.008     | 0 31 57. 2           | 15. 71  | 0. 28     | 4355           |
| 4199  |       |     | 40.17                                              |        |           | 58. 7                |         |           | 4890           |
| 4200* |       | 8.0 | 34 34.27                                           | 3.100  | 0.009     | 1 52 49. 5           | 15. 66  | 0. 28     | 4626           |
| 4201  |       |     | 34.24                                              |        |           | 50. 9                |         |           | 4987           |
| 4202  |       | 7.7 | 35 3.04                                            | 3.094  | 0.009     | 1 30 14. 7           | 15. 64  | 0. 28     | 4585           |
| 4203  |       |     | 3.10                                               |        |           | 14. 8                |         |           | 4891           |
| 4204  |       | 7.8 | 35 9.66                                            | 3.085  | 0.008     | 0 51 2. 6            | 15. 63  | 0. 29     | 4742           |
| 4205  |       |     | 9.64                                               |        |           | 4. 1                 |         |           | 5053           |
| 4206  | 5213  | 8.8 | 35 33.74                                           | 3.079  | 0.008     | 0 27 0. 3            | 15. 61  | 0. 29     | 4356           |
| 4207  |       |     | 33.76                                              |        |           | 2. 8                 |         |           | 5087           |
| 4208  |       | 8.9 | 35 34.18                                           | 3.073  | 0.008     | 0 6 58. 4            | 15. 61  | 0. 29     | 5108           |
| 4209  |       |     | 34.21                                              |        |           | 56. 3                |         |           | 4988           |
| 4210  |       | 8.8 | 35 40.36                                           | 3.100  | 0.009     | 1 50 28. 9           | 15. 60  | 0. 29     | 4743           |
| 4211  |       |     | 40.33                                              |        |           | 30. 0                |         |           | 5054           |
| 4212  |       | 7.0 | 37 18.46                                           | 3.101  | 0.009     | 1 58 20. 2           | 15. 51  | 0. 29     | 57             |
| 4213  |       |     | 18.52                                              |        |           | 21. 7                |         |           | 4892           |
| 4214  |       | 6.0 | 38 45.80                                           | 3.086  | 0.008     | 0 53 16. 9           | 15. 43  | 0. 29     | 4357           |
| 4215  |       |     | 45.94                                              |        |           | 18. 2                |         |           | 4893           |
| 4216* |       | 8.4 | 39 36.42                                           | 3.084  | 0.008     | 0 47 34. 7           | 15. 38  | 0. 29     | 58             |
| 4217  |       |     | 36.57                                              |        |           | 34. 8                |         |           | 4989           |
| 4218  |       | 7.7 | 39 52.73                                           | 3.077  | 0.008     | 0 18 28. 6           | 15. 37  | 0. 29     | 4586           |
| 4219  |       |     | 52.65                                              |        |           | 27. 6                |         |           | 5088           |
| 4220  |       | 8.9 | 40 0.61                                            | 3.086  | 0.008     | 0 55 9. 9            | 15. 36  | 0. 29     | 5109           |
| 4221  |       |     | 0.83                                               |        |           | 11. 0                |         |           | 5055           |
| 4222  |       | 9.0 | 40 6.75                                            | 3.086  | 0.008     | 0 56 —               | 15. 36  | 0. 29     | 4358           |
| 4223  |       |     | 6.74                                               |        |           | 45. 8                |         |           | 4744           |
| 4224  |       |     | 6.98                                               |        |           | 46. 1                |         |           | 4894           |
| 4225  |       | 9.0 | 40 22.39                                           | 3.090  | 0.008     | 1 9 54. 5            | 15. 34  | 0. 29     | 5110           |
| 4226  |       |     | 22.13                                              |        |           | 57. 1                |         |           | 4990           |
| 4227  |       | 9.0 | 40 34.78                                           | 3.076  | 0.008     | 0 17 2. 5            | 15. 33  | 0. 29     | 4745           |
| 4228  |       |     | 34.73                                              |        |           | 3. 6                 |         |           | 5056           |
| 4229  |       | 8.7 | 14 42 9.15                                         | 3.081  | +0.008    | —0 35 41. 8          | —15. 24 | +0. 29    | 59             |
| 4230  |       |     | 9.33                                               |        |           | 44. 4                |         |           | 4895           |

4200. Sehr schwach. — 4216. Decl. sehr gut.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 4231  |       | 6.7 | 14 <sup>h</sup> 42 <sup>m</sup> 28.85 | 3.077  | +0.008    | —0° 19' 33" 7        | —15" 22 | +0" 29    | 4359           |
| 4232  |       |     | 28.93                                 |        |           | 35. 2                |         |           | 5057           |
| 4233  |       | 8.6 | 42 41.77                              | 3.090  | 0.008     | 1 9 52. 0            | 15. 21  | 0. 30     | 4746           |
| 4234  |       |     | 41.82                                 |        |           | 53. 3                |         |           | 4991           |
| 4235  |       | 8.8 | 42 58.21                              | 3.095  | 0.009     | 1 29 20. 0           | 15. 19  | 0. 30     | 4747           |
| 4236  |       |     | 58.48                                 |        |           | 23. 8                |         |           | 4896           |
| 4237  |       | 9.0 | 44 3.48                               | 3.077  | 0.008     | 0 18 15. 1           | 15. 13  | 0. 30     | 60             |
| 4238  |       |     | 3.42                                  |        |           | 14. 0                |         |           | 4992           |
| 4239  |       | 4.5 | 44 32.25                              | 3.099  | 0.009     | 1 46 36. 6           | 15. 11  | 0. 30     | 4587           |
| 4240  |       |     | 32.10                                 |        |           | 37. 0                |         |           | 5058           |
| 4241* |       | 8.5 | 44 57.58                              | 3.102  | 0.009     | 1 56 9 0             | 15. 08  | 0. 30     | 4627           |
| 4242  |       |     | 57.51                                 |        |           | 9. 3                 |         |           | 4993           |
| 4243  |       | 9.0 | 45 6.02                               | 3.082  | 0.008     | 0 37 36. 6           | 15. 07  | 0. 30     | 4360           |
| 4244  |       |     | 6.30                                  |        |           | 39. 3                |         |           | 4897           |
| 4245  |       | 8.8 | 46 6.12                               | 3.085  | 0.008     | 0 53 32. 8           | 15. 01  | 0. 30     | 4588           |
| 4246* |       |     | 6.57                                  |        |           | 33. 1                |         |           | 4994           |
| 4247  |       | 9.0 | 46 22.99                              | 3.083  | 0.008     | 0 41 58. 0           | 15. 00  | 0. 30     | 4361           |
| 4248  |       |     | 22.97                                 |        |           | 60. 9                |         |           | 4898           |
| 4249  |       | 8.8 | 47 22.48                              | 3.103  | 0.009     | 1 58 49. 8           | 14. 94  | 0. 30     | 4748           |
| 4250  |       |     | 22.62                                 |        |           | 50. 4                |         |           | 5059           |
| 4251  |       | 8.0 | 47 53.07                              | 3.094  | 0.009     | 1 21 37. 9           | 14. 91  | 0. 30     | 4362           |
| 4252  |       |     | 53.06                                 |        |           | 40. 7                |         |           | 4995           |
| 4253  | 5293  | 8.8 | 48 48.68                              | 3.097  | 0.009     | 1 36 18. 4           | 14. 86  | 0. 31     | 4749           |
| 4254  |       |     | 48.69                                 |        |           | 18. 0                |         |           | 4899           |
| 4255* | 5297  | 9.3 | 49 9.57                               | 3.087  | 0.008     | 0 56 30. 3           | 14. 83  | 0. 31     | 4996           |
| 4256  |       | 9.0 | 50 37.34                              | 3.077  | 0.008     | 0 17 55. 7           | 14. 75  | 0. 31     | 4363           |
| 4257  |       |     | 37.45                                 |        |           | 56. 0                |         |           | 4900           |
| 4258  |       | 8.8 | 50 58.08                              | 3.087  | 0.008     | 0 55 32. 1           | 14. 73  | 0. 31     | 4750           |
| 4259  |       |     | 57.86                                 |        |           | 33. 0                |         |           | 4997           |
| 4260  |       | 8.8 | 51 29.36                              | 3.091  | 0.008     | 1 13 34. 0           | 14. 70  | 0. 31     | 4364           |
| 4261  |       |     | 29.38                                 |        |           | 35. 3                |         |           | 5060           |
| 4262  |       | 8.9 | 52 30.35                              | 3.079  | 0.008     | 0 26 48. 7           | 14. 64  | 0. 31     | 4751           |
| 4263  |       |     | 30.61                                 |        |           | 48. 6                |         |           | 4901           |
| 4264  |       | 8.5 | 52 45.20                              | 3.093  | 0.008     | 1 18 21. 0           | 14. 62  | 0. 31     | 4628           |
| 4265  |       |     | 45.10                                 |        |           | 22. 1                |         |           | 4998           |
| 4266  |       | 8.5 | 53 34.46                              | 3.096  | 0.008     | 1 22 21. 7           | 14. 57  | 0. 31     | 4752           |
| 4267  |       |     | 34.52                                 |        |           | 23. 6                |         |           | 5061           |
| 4268  |       | 9.0 | 53 46.27                              | 3.100  | 0.009     | 1 43 11. 0           | 14. 56  | 0. 31     | 4365           |
| 4269  |       |     | 46.38                                 |        |           | 13. 0                |         |           | 4902           |
| 4270  |       | 9.0 | 54 34.00                              | 3.102  | 0.009     | 1 49 13. 2           | 14. 51  | 0. 31     | 4753           |
| 4271  |       |     | 34.03                                 |        |           | 15. 3                |         |           | 4999           |
| 4272  |       | 8.5 | 55 40.37                              | 3.097  | 0.009     | 1 30 57. 7           | 14. 45  | 0. 31     | 4366           |
| 4273  |       |     | 40.40                                 |        |           | 59. 9                |         |           | 4903           |
| 4274  |       | 8.9 | 14 57 25.73                           | 3.099  | +0.009    | —1 38 1. 1           | —14. 34 | +0. 32    | 4367           |
| 4275  |       |     | 26.05                                 |        |           | 3. 7                 |         |           | 4904           |

4241. Schwach. — 4246. Fäden stimmen schlecht. — 4255. B. D. — 0° N. 2902.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                              | Praec.              | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|-----------------------------------------------------|---------------------|-----------|----------------------|---------|-----------|----------------|
| 4276  | 5351  | 8.0 | 14 <sup>h</sup> 57 <sup>m</sup> 58 <sup>s</sup> .87 | 3 <sup>s</sup> .079 | +0.008    | —0 24' 55'' 9        | —14' 31 | +0'' 32   | 4629           |
| 4277  |       |     | 58.82                                               |                     |           | 54. 9                |         |           | 5000           |
| 4278  | 5355  | 8.8 | 58 32.53                                            | 3.105               | 0.009     | 2 2 23. 8            | 14. 27  | 0. 32     | 4754           |
| 4279  |       |     | 32.38                                               |                     |           | 24. 6                |         |           | 5062           |
| 4280  | 5362  | 9.0 | 59 5.65                                             | 3.104               | 0.009     | 1 55 19. 2           | 14. 24  | 0. 32     | 4368           |
| 4281  |       |     | 5.91                                                |                     |           | 20. 7                |         |           | 4905           |
| 4282  | 5363  | 8.9 | 59 11.81                                            | 3.076               | 0.008     | 0 15 36. 1           | 14. 23  | 0. 32     | 4755           |
| 4283  |       |     | 11.96                                               |                     |           | 35. 0                |         |           | 5001           |
| 4284  |       | 8.2 | 59 9.82                                             | 3.086               | 0.008     | 0 49 38. 2           | 14. 23  | 0. 32     | 4630           |
| 4285  |       |     | 9.84                                                |                     |           | 38. 9                |         |           | 5063           |
| 4286  |       | 7.8 | 59 15.05                                            | 3.097               | 0.009     | 1 29 53. 4           | 14. 23  | 0. 32     | 5111           |
| 4287  |       |     | 15.14                                               |                     |           | 54. 1                |         |           | 5089           |
| 4288  |       | 8.8 | 14 59 49.25                                         | 3.096               | 0.008     | 1 23 1. 4            | 14. 19  | 0. 32     | 4756           |
| 4289  |       |     | 49.48                                               |                     |           | 1. 6                 |         |           | 5002           |
| 4290  |       | 8.8 | 15 0 3.99                                           | 3.103               | 0.009     | 1 51 1. 7            | 14. 18  | 0. 32     | 4369           |
| 4291  |       |     | 4.06                                                |                     |           | 2. 6                 |         |           | 5064           |
| 4292  |       | 8.3 | 0 32.09                                             | 3.102               | 0.009     | 1 48 49. 9           | 14. 15  | 0. 32     | 4631           |
| 4293  |       |     | 32.05                                               |                     |           | 50. 6                |         |           | 3893           |
| 4294  |       | 8.5 | 0 40.73                                             | 3.102               | 0.009     | 1 47 53. 1           | 14. 14  | 0. 32     | 5138           |
| 4295  |       |     | 40.88                                               |                     |           | 53. 0                |         |           | 5090           |
| 4296  |       | 9.0 | 0 58.10                                             | 3.102               | 0.009     | 1 49 20. 5           | 14. 12  | 0. 32     | 4757           |
| 4297  |       |     | 58.61                                               |                     |           | 22. 0                |         |           | 4906           |
| 4298  |       | 8.8 | 1 4.89                                              | 3.106               | 0.009     | 2 5 24. 2            | 14. 11  | 0. 32     | 5112           |
| 4299  |       |     | 4.76                                                |                     |           | 24. 5                |         |           | 5065           |
| 4300  |       | 8.5 | 1 50.18                                             | 3.082               | 0.008     | 0 34 49. 3           | 14. 07  | 0. 32     | 4758           |
| 4301  |       |     | 50.40                                               |                     |           | 52. 2                |         |           | 3894           |
| 4302* | 5382  | 8.5 | 2 16.91                                             | 3.081               | 0.008     | 0 29 51. 7           | 14. 04  | 0. 32     | 5139           |
| 4303* |       |     | 17.13                                               |                     |           | 51. 2                |         |           | 4907           |
| 4304  |       | 8.3 | 2 42.02                                             | 3.106               | 0.009     | 2 5 49. 4            | 14. 01  | 0. 32     | 4632           |
| 4305  |       |     | 42.15                                               |                     |           | 51. 9                |         |           | 5091           |
| 4306  |       | 9.0 | 2 59.89                                             | 3.096               | 0.008     | 1 24 17. 1           | 13. 99  | 0. 32     | 4759           |
| 4307  |       |     | 59.82                                               |                     |           | 18. 0                |         |           | 5003           |
| 4308  |       | 8.8 | 3 3.95                                              | 3.088               | 0.008     | 0 55 45. 3           | 13. 99  | 0. 32     | 5113           |
| 4309  |       |     | 4.07                                                |                     |           | 45. 9                |         |           | 5066           |
| 4310  | 5391  | 8.7 | 3 24.79                                             | 3.105               | 0.009     | 1 56 41. 3           | 13. 97  | 0. 32     | 5114           |
| 4311  |       |     | 24.74                                               |                     |           | 40. 6                |         |           | 3895           |
| 4312  |       | 7.8 | 3 33.21                                             | 3.079               | 0.008     | 0 24 10. 0           | 13. 96  | 0. 32     | 5140           |
| 4313  |       |     | 33.28                                               |                     |           | 8. 6                 |         |           | 5004           |
| 4314  |       | 8.3 | 3 49.15                                             | 3.082               | 0.008     | 0 34 57. 2           | 13. 94  | 0. 32     | 61             |
| 4315  |       |     | 49.05                                               |                     |           | 59. 9                |         |           | 4022           |
| 4316  |       | 7.0 | 5 6.68                                              | 3.102               | 0.009     | 1 47 10. 1           | 13. 86  | 0. 33     | 107            |
| 4317  |       |     | 6.89                                                |                     |           | 7. 4                 |         |           | 3896           |
| 4318  | 5407  | 9.0 | 6 23.23                                             | 3.084               | 0.008     | 0 41 4. 3            | 13. 78  | 0. 33     | 5115           |
| 4319  |       |     | 23.47                                               |                     |           | 3. 4                 |         |           | 4023           |
| 4320  |       | 9.0 | 15 6 25.25                                          | 3.087               | +0.008    | —0 52 51. 2          | —13. 78 | +0. 33    | 4760           |

4302. Länglich im Parallel? — 4303. Schien sehr eng duplex im Parallel.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 4321 |       |     | 15 <sup>h</sup> 6 <sup>m</sup> 25 <sup>s</sup> .62 |        |           | —0° 52' 51" 9        |         |           | 3897           |
| 4322 |       | 8.9 | 6 42.49                                            | 3.088  | +0.008    | 0 55 53.3            | —13" 77 | +0" 33    | 5141           |
| 4323 |       |     | 42.26                                              |        |           | 51.6                 |         |           | 5005           |
| 4324 | 5412  | 9.0 | 6 56.40                                            | 3.083  | 0.008     | 0 40 37.9            | 13.74   | 0.33      | 4761           |
| 4325 |       |     | 56.64                                              |        |           | 39.9                 |         |           | 4908           |
| 4326 |       | 8.7 | 7 2.64                                             | 3.092  | 0.008     | 1 10 11.9            | 13.74   | 0.33      | 5116           |
| 4327 |       |     | 2.50                                               |        |           | 12.0                 |         |           | 4024           |
| 4328 | 5414  | 8.8 | 7 30.81                                            | 3.106  | 0.009     | 1 56 50.3            | 13.71   | 0.33      | 108            |
| 4329 |       |     | 31.01                                              |        |           | 52.8                 |         |           | 3898           |
| 4330 |       | 8.5 | 7 33.98                                            | 3.096  | 0.008     | 1 25 4.7             | 13.71   | 0.33      | 5142           |
| 4331 |       |     | 33.92                                              |        |           | 4.4                  |         |           | 5006           |
| 4332 |       | 7.0 | 7 35.39                                            | 3.086  | 0.008     | 0 51 51.5            | 13.70   | 0.33      | 4589           |
| 4333 |       |     | 35.54                                              |        |           | 53.2                 |         |           | 5067           |
| 4334 |       | 8.0 | 8 28.81                                            | 3.106  | 0.009     | 1 56 49.6            | 13.65   | 0.34      | 4633           |
| 4335 |       |     | 29.04                                              |        |           | 51.2                 |         |           | 4909           |
| 4336 |       | 8.2 | 8 41.30                                            | 3.084  | 0.008     | 0 42 26.6            | 13.63   | 0.34      | 5117           |
| 4337 |       |     | 41.07                                              |        |           | 25.6                 |         |           | 4025           |
| 4338 |       | 8.8 | 9 31.00                                            | 3.105  | 0.009     | 1 53 29.1            | 13.58   | 0.34      | 5143           |
| 4339 |       |     | 30.81                                              |        |           | 28.1                 |         |           | 5068           |
| 4340 |       | 8.8 | 9 49.13                                            | 3.094  | 0.009     | 1 16 13.4            | 13.56   | 0.34      | 5118           |
| 4341 |       |     | 49.10                                              |        |           | 16.1                 |         |           | 4026           |
| 4342 |       | 7.7 | 11 14.76                                           | 3.081  | 0.008     | 0 31 29.4            | 13.47   | 0.34      | 4634           |
| 4343 |       |     | 14.75                                              |        |           | 30.3                 |         |           | 5007           |
| 4344 |       | 8.2 | 12 2.22                                            | 3.078  | 0.008     | 0 19 29.7            | 13.42   | 0.34      | 4635           |
| 4345 |       |     | 2.00                                               |        |           | 29.5                 |         |           | 4027           |
| 4346 |       | 9.0 | 12 6.92                                            | 3.075  | 0.008     | 0 8 21.2             | 13.41   | 0.34      | 4762           |
| 4347 |       |     | 7.23                                               |        |           | 22.8                 |         |           | 4910           |
| 4348 |       | 7.3 | 12 29.25                                           | 3.092  | 0.008     | 1 8 9.6              | 13.39   | 0.34      | 4590           |
| 4349 |       |     | 29.23                                              |        |           | 9.1                  |         |           | 5008           |
| 4350 |       | 8.3 | 12 45.41                                           | 3.102  | 0.009     | 1 42 28.3            | 13.37   | 0.34      | 5119           |
| 4351 |       |     | 45.40                                              |        |           | 28.3                 |         |           | 3899           |
| 4352 |       | 9.0 | 14 0.88                                            | 3.085  | 0.008     | 0 43 25.5            | 13.29   | 0.34      | 5120           |
| 4353 |       |     | 0.67                                               |        |           | 24.6                 |         |           | 4028           |
| 4354 |       | 6.5 | 14 20.42                                           | 3.107  | 0.009     | 1 57 14.5            | 13.27   | 0.34      | 4636           |
| 4355 |       |     | 20.39                                              |        |           | 13.9                 |         |           | 3900           |
| 4356 |       | 8.2 | 15 4.96                                            | 3.080  | 0.008     | 0 25 16.2            | 13.22   | 0.34      | 4763           |
| 4357 |       |     | 5.49                                               |        |           | 17.2                 |         |           | 4911           |
| 4358 |       | 8.8 | 15 16.59                                           | 3.100  | 0.008     | 1 33 37.8            | 13.20   | 0.34      | 5121           |
| 4359 |       |     | 16.54                                              |        |           | 36.9                 |         |           | 4029           |
| 4360 |       | 8.5 | 16 12.25                                           | 3.091  | 0.008     | 1 5 12.3             | 13.14   | 0.35      | 4637           |
| 4361 |       |     | 12.30                                              |        |           | 13.6                 |         |           | 3901           |
| 4362 |       | 6.5 | 17 16.91                                           | 3.082  | 0.008     | 0 34 28.8            | 13.07   | 0.35      | 4591           |
| 4363 |       |     | 17.10                                              |        |           | 30.4                 |         |           | 4030           |
| 4364 | 5458  | 7.7 | 15 17 56.44                                        | 3.074  | +0.008    | —0 5 58.4            | —13.02  | +0.35     | 4638           |
| 4365 |       |     | 56.39                                              |        |           | 59.3                 |         |           | 3902           |



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                              | Praec.              | Var. sec.            | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|-----------------------------------------------------|---------------------|----------------------|----------------------|----------|-----------|----------------|
| 4366  | 5465  | 8.8 | 15 <sup>h</sup> 18 <sup>m</sup> 26 <sup>s</sup> .24 | 3 <sup>s</sup> .104 | +0 <sup>s</sup> .009 | -1° 47' 29'' 9       | -12'' 99 | +0'' 35   | 4764           |
| 4367  |       |     | 26.28                                               |                     |                      | 31. 3                |          |           | 4031           |
| 4368  |       | 9.0 | 18 52.93                                            | 3.091               | 0.008                | 1 2 40. 0            | 12. 97   | 0. 35     | 5122           |
| 4369  |       |     | 53.20                                               |                     |                      | 40. 7                |          |           | 4912           |
| 4370  |       | 7.5 | 19 18.39                                            | 3.087               | 0.008                | 0 48 44. 2           | 12. 94   | 0. 35     | 5123           |
| 4371  |       |     | 18.67                                               |                     |                      | 44. 0                |          |           | 3903           |
| 4372  |       | 9.0 | 19 41.77                                            | 3.083               | 0.008                | 0 36 58. 6           | 12. 91   | 0. 35     | 4765           |
| 4373  |       |     | 41.79                                               |                     |                      | 61. 9                |          |           | 4913           |
| 4374  | 5478  | 8.3 | 20 50.64                                            | 3.097               | 0.008                | 1 23 32. 8           | 12. 84   | 0. 35     | 4592           |
| 4375  |       |     | 50.77                                               |                     |                      | 33. 8                |          |           | 3904           |
| 4376  |       | 8.3 | 21 20.74                                            | 3.075               | 0.008                | 0 10 35. 8           | 12. 80   | 0. 35     | 4766           |
| 4377  |       |     | 20.98                                               |                     |                      | 37. 2                |          |           | 4032           |
| 4378  |       | 8.7 | 22 0.34                                             | 3.101               | 0.008                | 1 34 53. 6           | 12. 76   | 0. 35     | 5124           |
| 4379  |       |     | 0.58                                                |                     |                      | 55. 4                |          |           | 3905           |
| 4380  |       | 8.8 | 23 59.01                                            | 3.088               | 0.008                | 0 53 14. 3           | 12. 62   | 0. 35     | 4767           |
| 4381  |       |     | 59.21                                               |                     |                      | 14. 5                |          |           | 3906           |
| 4382  | 5501  | 8.3 | 25 21.17                                            | 3.102               | 0.008                | 1 38 15. 8           | 12. 53   | 0. 36     | 4768           |
| 4383  |       |     | 21.27                                               |                     |                      | 17. 0                |          |           | 3907           |
| 4384  |       | 8.0 | 25 20.67                                            | 3.110               | 0.009                | 2 5 12. 3            | 12. 53   | 0. 36     | 5125           |
| 4385  |       |     | 21.06                                               |                     |                      | 14. 7                |          |           | 4033           |
| 4386  |       | 8.5 | 25 56.54                                            | 3.097               | 0.008                | 1 21 26. 4           | 12. 49   | 0. 36     | 4769           |
| 4387  |       |     | 56.92                                               |                     |                      | 28. 4                |          |           | 4914           |
| 4388* |       | 6.0 | 26 31.70                                            | 3.086               | 0.008                | 0 45 37. 7           | 12. 45   | 0. 36     | 62             |
| 4389  |       |     | 31.73                                               |                     |                      | 38. 3                |          |           | 3908           |
| 4390  |       | 8.8 | 28 2.65                                             | 3.091               | 0.008                | 1 1 45. 4            | 12. 34   | 0. 36     | 4593           |
| 4391  |       |     | 2.69                                                |                     |                      | 46. 7                |          |           | 3909           |
| 4392  |       | 9.0 | 29 16.78                                            | 3.107               | 0.009                | 1 53 6. 7            | 12. 26   | 0. 36     | 4770           |
| 4393  |       |     | 16.71                                               |                     |                      | 7. 7                 |          |           | 4034           |
| 4394  |       | 6.8 | 30 8.80                                             | 3.075               | 0.008                | 0 8 42. 1            | 12. 20   | 0. 36     | 4594           |
| 4395  |       |     | 8.78                                                |                     |                      | 41. 3                |          |           | 4035           |
| 4396* |       | 9.0 | 30 36.18                                            | 3.078               | 0.008                | 0 16 2. 0            | 12. 17   | 0. 36     | 4771           |
| 4397  |       |     | 36.30                                               |                     |                      | 2. 7                 |          |           | 3910           |
| 4398  |       | 8.2 | 31 3.14                                             | 3.081               | 0.008                | 0 28 17. 6           | 12. 14   | 0. 36     | 4639           |
| 4399  |       |     | 3.47                                                |                     |                      | 19. 5                |          |           | 4915           |
| 4400  | 5546  | 8.0 | 32 13.83                                            | 3.098               | 0.008                | 1 22 29. 1           | 12. 05   | 0. 36     | 4595           |
| 4401  |       |     | 13.65                                               |                     |                      | 29. 5                |          |           | 3911           |
| 4402  |       | 8.2 | 33 4.95                                             | 3.085               | 0.008                | 0 39 23. 8           | 11. 99   | 0. 36     | 4772           |
| 4403  |       |     | 5.05                                                |                     |                      | 26. 5                |          |           | 3912           |
| 4404  |       | 8.8 | 33 44.91                                            | 3.108               | 0.009                | 1 55 12. 8           | 11. 95   | 0. 36     | 5126           |
| 4405  |       |     | 44.92                                               |                     |                      | 14. 3                |          |           | 4036           |
| 4406  | 5555  | 8.8 | 33 59.36                                            | 3.082               | 0.008                | 0 30 20. 2           | 11. 93   | 0. 36     | 4596           |
| 4407  |       |     | 59.24                                               |                     |                      | 19. 4                |          |           | 5069           |
| 4408  |       | 8.3 | 34 0.59                                             | 3.102               | 0.008                | 1 35 59. 1           | 11. 93   | 0. 36     | 4773           |
| 4409  |       |     | 0.81                                                |                     |                      | 60. 0                |          |           | 4916           |
| 4410  |       | 9.0 | 15 35 49.78                                         | 3.103               | +0.008               | -1 38 36. 9          | -11. 80  | +0. 37    | 4774           |

4388. AR. unsicher, Decl. gut. — 4396. Sehr eng duplex?



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                              | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|-----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 4411  |       |     | 15 <sup>h</sup> 35 <sup>m</sup> 49 <sup>s</sup> .94 |        |           | —1° 38' 40" 3        |         |           | 3913           |
| 4412  |       | 8.3 | 35 54.85                                            | 3.091  | +0.008    | 1 0 28.1             | —11" 80 | +0" 37    | 4597           |
| 4413  |       |     | 54.69                                               |        |           | 26.9                 |         |           | 4037           |
| 4414* | 5569  | 8.8 | 36 45.72                                            | 3.097  | 0.008     | 1 19 51.5            | 11. 73  | 0.37      | 4775           |
| 4415  |       |     | 45.99                                               |        |           | 53.9                 |         |           | 4917           |
| 4416  |       | 8.7 | 37 5.15                                             | 3.101  | 0.008     | 1 31 43.0            | 11. 71  | 0.37      | 4598           |
| 4417  |       |     | 4.74                                                |        |           | 43.0                 |         |           | 4038           |
| 4418  |       | 9.0 | 37 32.68                                            | 3.108  | 0.009     | 1 54 37.7            | 11. 68  | 0.37      | 5144           |
| 4419  |       |     | 32.86                                               |        |           | 38.8                 |         |           | 4918           |
| 4420* |       | 8.8 | 38 56.53                                            | 3.091  | 0.008     | 0 59 48.9            | 11. 58  | 0.37      | 4599           |
| 4421  |       |     | 56.66                                               |        |           | 51.4                 |         |           | 4919           |
| 4422  |       | 8.8 | 39 30.62                                            | 3.092  | 0.008     | 1 3 9.0              | 11. 54  | 0.37      | 4776           |
| 4423  |       |     | 30.55                                               |        |           | 10.3                 |         |           | 5070           |
| 4424  |       | 5.5 | 39 37.84                                            | 3.099  | 0.008     | 1 24 40.2            | 11. 53  | 0.37      | 5145           |
| 4425  |       |     | 37.64                                               |        |           | 40.5                 |         |           | 4039           |
| 4426  | 5579  | 8.8 | 39 44.38                                            | 3.094  | 0.008     | 1 10 37.9            | 11. 52  | 0.37      | 5127           |
| 4427  |       |     | 44.33                                               |        |           | 37.9                 |         |           | 5009           |
| 4428  |       | 9.0 | 39 59.13                                            | 3.088  | 0.008     | 0 50 51.3            | 11. 50  | 0.37      | 4777           |
| 4429  |       |     | 59.33                                               |        |           | 50.3                 |         |           | 3914           |
| 4430  |       | 8.7 | 40 11.35                                            | 3.095  | 0.008     | 1 12 37.6            | 11. 49  | 0.37      | 5128           |
| 4431  |       |     | 11.30                                               |        |           | 37.8                 |         |           | 5092           |
| 4432  |       | 9.0 | 40 58.16                                            | 3.076  | 0.008     | 0 13 20.1            | 11. 43  | 0.37      | 4778           |
| 4433  |       |     | 58.32                                               |        |           | 23.0                 |         |           | 4920           |
| 4434  |       | 8.5 | 40 58.32                                            | 3.085  | 0.008     | 0 40 33.4            | 11. 43  | 0.37      | 4600           |
| 4435  |       |     | 58.13                                               |        |           | 34.0                 |         |           | 5010           |
| 4436* |       | 9.3 | 41 30.28                                            | 3.101  | 0.008     | 1 30 56.4            | 11. 43  | 0.37      | 109            |
| 4437  | 5590  | 8.3 | 42 1.54                                             | 3.107  | 0.009     | 1 47 4.3             | 11. 36  | 0.37      | 5129           |
| 4438  |       |     | 1.31                                                |        |           | 6.0                  |         |           | 3915           |
| 4439  |       | 7.5 | 42 26.81                                            | 3.084  | 0.008     | 0 36 59.6            | 11. 33  | 0.37      | 63             |
| 4440  |       |     | 27.07                                               |        |           | 58.2                 |         |           | 306            |
| 4441  |       |     | 26.95                                               |        |           | 57.8                 |         |           | 4040           |
| 4442  |       | 9.0 | 42 37.84                                            | 3.101  | 0.008     | 1 29 42.0            | 11. 31  | 0.37      | 4921           |
| 4443  |       | 7.8 | 42 43.50                                            | 3.103  | 0.008     | 1 36 12.8            | 11. 31  | 0.37      | 194            |
| 4444  |       |     | 43.36                                               |        |           | 11.4                 |         |           | 5011           |
| 4445  |       | 9.0 | 42 49.97                                            | 3.077  | 0.008     | 0 15 54.9            | 11. 30  | 0.37      | 343            |
| 4446  |       |     | 49.93                                               |        |           | 55.1                 |         |           | 4041           |
| 4447  |       | 9.0 | 42 57.46                                            | 3.080  | 0.008     | 0 22 55.0            | 11. 29  | 0.37      | 4601           |
| 4448  |       |     | 57.42                                               |        |           | 56.0                 |         |           | 3916           |
| 4449  |       | 9.0 | 44 1.09                                             | 3.108  | 0.009     | 1 51 35.0            | 11. 21  | 0.37      | 4779           |
| 4450  |       |     | 1.48                                                |        |           | 39.6                 |         |           | 4922           |
| 4451  | 5607  | 8.7 | 44 28.94                                            | 3.084  | 0.008     | 0 34 20.3            | 11. 18  | 0.37      | 195            |
| 4452  |       |     | 28.82                                               |        |           | 21.7                 |         |           | 3917           |
| 4453* | 5616  | 8.5 | 45 43.03                                            | 3.109  | 0.009     | 1 54 0.6             | 11. 09  | 0.37      | 64             |
| 4454  |       |     | 43.31                                               |        |           | 2.0                  |         |           | 4042           |
| 4455  | 5618  | 8.0 | 15 46 6.37                                          | 3.101  | +0.008    | —1 31 53.0           | —11. 06 | +0.38     | 3918           |

4414. Schjellerup's AR. muss um  $+1^s$  verbessert werden. Bessel giebt  $45^s 89$ , 2 Beob. — 4420. Duplex im Parallel, praec. beobachtet. — 4436. B. D. —  $1^o$  Nr. 3098. Sehr unsicher. — 4453. Nicht gut.



| Nro.  | Schj. | Gr. | Rectascension<br>1875. |                                    | Praec.              | Var. sec.            | Declination<br>1875. |         | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|------------------------|------------------------------------|---------------------|----------------------|----------------------|---------|--------|-----------|----------------|
| 4456  |       | 8.7 | 15 <sup>h</sup>        | 46 <sup>m</sup> 7 <sup>s</sup> .67 | 3 <sup>s</sup> .091 | +0 <sup>s</sup> .008 | —0° 57' 17" 3        | —11" 06 | +0" 38 | 196       |                |
| 4457  |       |     |                        | 7.85                               |                     |                      | 18. 2                |         |        | 4923      |                |
| 4458  |       | 8.0 | 46                     | 8.78                               | 3.085               | 0.008                | 0 39 17. 5           | 11. 06  | 0. 38  | 127       |                |
| 4459  |       |     |                        | 8.80                               |                     |                      | 17. 4                |         |        | 264       |                |
| 4460  |       |     |                        | 8.69                               |                     |                      | 18. 6                |         |        | 4043      |                |
| 4461  |       | 9.0 | 46                     | 39.80                              | 3.087               | 0.008                | 0 45 14. 6           | 11. 02  | 0. 38  | 307       |                |
| 4462  |       |     |                        | 39.72                              |                     |                      | 15. 8                |         |        | 5012      |                |
| 4463  |       | 9.0 | 46                     | 43.60                              | 3.102               | 0.008                | 1 33 8. 4            | 11. 01  | 0. 38  | 344       |                |
| 4464  |       |     |                        | 43.91                              |                     |                      | 10. 0                |         |        | 4924      |                |
| 4465  |       | 8.8 | 46                     | 46.33                              | 3.089               | 0.008                | 0 53 9. 1            | 11. 01  | 0. 38  | 340       |                |
| 4466  |       |     |                        | 46.29                              |                     |                      | 10. 2                |         |        | 5071      |                |
| 4467  |       | 9.0 | 47                     | 0.87                               | 3.103               | 0.008                | 1 34 33. 0           | 10. 99  | 0. 38  | 345       |                |
| 4468  |       |     |                        | 0.80                               |                     |                      | 32. 9                |         |        | 5013      |                |
| 4469  |       | 9.0 | 49                     | 6.62                               | 3.109               | 0.009                | 1 52 42. 7           | 10. 84  | 0. 38  | 110       |                |
| 4470  |       |     |                        | 6.73                               |                     |                      | 42. 2                |         |        | 3919      |                |
| 4471* | 5637  | 7.0 | 49                     | 26.20                              | 3.107               | 0.008                | 1 47 42. 1           | 10. 82  | 0. 38  | 65        |                |
| 4472* |       |     |                        | 26.06                              |                     |                      | 42. 7                |         |        | 4044      |                |
| 4473  | 5640  | 9.0 | 50                     | 11.01                              | 3.083               | 0.008                | 0 32 32. 2           | 10. 76  | 0. 38  | 197       |                |
| 4474  |       |     |                        | 11.16                              |                     |                      | 31. 4                |         |        | 4925      |                |
| 4475  |       | 8.4 | 50                     | 27.37                              | 3.084               | 0.008                | 0 35 24. 5           | 10. 74  | 0. 38  | 128       |                |
| 4476  |       |     |                        | 27.81                              |                     |                      | 25. 9                |         |        | 3920      |                |
| 4477  | 5643  | 8.0 | 50                     | 35.43                              | 3.080               | 0.008                | 0 22 51. 7           | 10. 73  | 0. 38  | 265       |                |
| 4478  |       |     |                        | 35.00                              |                     |                      | 51. 7                |         |        | 4045      |                |
| 4479  | 5658  | 9.0 | 53                     | 6.13                               | 3.077               | 0.008                | 0 16 19. 9           | 10. 55  | 0. 38  | 198       |                |
| 4480  |       |     |                        | 6.38                               |                     |                      | 19. 3                |         |        | 3921      |                |
| 4481  |       | 9.0 | 54                     | 58.98                              | 3.097               | 0.008                | 1 14 13. 5           | 10. 41  | 0. 38  | 308       |                |
| 4482  |       |     |                        | 59.02                              |                     |                      | 14. 1                |         |        | 4926      |                |
| 4483  |       | 7.2 | 55                     | 40.91                              | 3.082               | 0.008                | 0 28 13. 0           | 10. 35  | 0. 38  | 111       |                |
| 4484  |       |     |                        | 41.01                              |                     |                      | 12. 1                |         |        | 3922      |                |
| 4485* | 5673  | 7.8 | 56                     | 18.55                              | 3.073               | 0.008                | 0 3 48. 0            | 10. 31  | 0. 39  | 129       |                |
| 4486  |       |     |                        | 18.76                              |                     |                      | 48. 4                |         |        | 4046      |                |
| 4487  |       | 8.0 | 56                     | 30.26                              | 3.098               | 0.008                | 1 18 2. 6            | 10. 29  | 0. 39  | 199       |                |
| 4488  |       |     |                        | 30.54                              |                     |                      | 4. 7                 |         |        | 4927      |                |
| 4489  |       | 7.9 | 15 58                  | 15.97                              | 3.088               | 0.008                | 0 48 55. 2           | 10. 16  | 0. 39  | 130       |                |
| 4490  |       |     |                        | 15.95                              |                     |                      | 54. 1                |         |        | 3923      |                |
| 4491  |       | 8.5 | 16 0                   | 49.32                              | 3.098               | 0.008                | 1 17 16. 7           | 9. 96   | 0. 39  | 66        |                |
| 4492  |       |     |                        | 49.23                              |                     |                      | 19. 8                |         |        | 3924      |                |
| 4493  |       | 9.0 | 1                      | 9.04                               | 3.085               | 0.008                | 0 36 35. 9           | 9. 94   | 0. 39  | 131       |                |
| 4494  |       |     |                        | 9.32                               |                     |                      | 36. 0                |         |        | 144       |                |
| 4495  |       |     |                        | 9.27                               |                     |                      | 36. 8                |         |        | 4047      |                |
| 4496  |       | 9.0 | 1                      | 32.83                              | 3.085               | 0.008                | 0 36 28. 7           | 9. 91   | 0. 39  | 4928      |                |
| 4497  |       | 8.6 | 1                      | 35.74                              | 3.087               | 0.008                | 0 42 3. 2            | 9. 91   | 0. 39  | 200       |                |
| 4498  |       |     |                        | 35.59                              |                     |                      | 2. 2                 |         |        | 5014      |                |
| 4499  | 5706  | 8.4 | 16 1                   | 42.84                              | 3.076               | +0.008               | —0 9 32. 2           | —9. 90  | +0. 39 | 266       |                |
| 4500  |       |     |                        | 42.70                              |                     |                      | 33. 0                |         |        | 4048      |                |

4471. Duplex, 7<sup>m</sup> u. 8<sup>m</sup>, d = circa 4'', den südlicheren beob. — 4472. Duplex, d = 3'' bis 4'', den helleren beob. — 4485. Schjellerup's Decl. muss durch einen Druckfehler entstellt sein. Auf 1875 red. ist sie = —0° 2' 57" 1, wogegen Bessel u. Lalande, übereinstimmend mit uns, resp. —0° 3' 48" 7 und —0° 3' 45" 8 geben.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 4501  |       | 7.8 | 16 <sup>h</sup> 3 <sup>m</sup> 30 <sup>s</sup> 55 | 3.098  | +0.008    | —1° 16' 59" 0        | —9" 76 | +0" 39    | 1              |
| 4502  |       |     | 30.63                                             |        |           | 61.5                 |        |           | 132            |
| 4503  |       |     | 30.51                                             |        |           | 62.6                 |        |           | 3925           |
| 4504  |       | 9.0 | 3 57.36                                           | 3.108  | 0.008     | 1 44 11.8            | 9.73   | 0.39      | 67             |
| 4505  |       |     | 57.49                                             |        |           | 12.7                 |        |           | 4049           |
| 4506  | 5725  | 8.8 | 4 23.98                                           | 3.077  | 0.008     | 0 13 25.4            | 9.69   | 0.39      | 145            |
| 4507  |       |     | 23.98                                             |        |           | 27.1                 |        |           | 4929           |
| 4508  |       | 8.4 | 4 42.02                                           | 3.088  | 0.008     | 0 46 56.5            | 9.67   | 0.39      | 201            |
| 4509  |       |     | 41.91                                             |        |           | 55.6                 |        |           | 3926           |
| 4510  |       | 8.8 | 5 11.42                                           | 3.083  | 0.008     | 0 30 27.7            | 9.63   | 0.40      | 2              |
| 4511  |       |     | 11.54                                             |        |           | 28.0                 |        |           | 133            |
| 4512  |       |     | 11.39                                             |        |           | 29.5                 |        |           | 4050           |
| 4513  | 5732  | 7.2 | 6 17.44                                           | 3.101  | 0.008     | 1 23 55.8            | 9.55   | 0.40      | 68             |
| 4514  |       |     | 17.41                                             |        |           | 56.0                 |        |           | 3927           |
| 4515  | 5733  | 8.0 | 6 46.53                                           | 3.076  | 0.007     | 0 11 49.2            | 9.51   | 0.40      | 134            |
| 4516  |       |     | 46.46                                             |        |           | 49.7                 |        |           | 5015           |
| 4517  |       | 8.0 | 6 47.61                                           | 3.095  | 0.008     | 1 4 41.0             | 9.51   | 0.40      | 146            |
| 4518  |       |     | 47.78                                             |        |           | 42.9                 |        |           | 4930           |
| 4519  |       | 6.8 | 7 11.43                                           | 3.096  | 0.008     | 1 9 17.5             | 9.48   | 0.40      | 202            |
| 4520  |       |     | 11.36                                             |        |           | 19.5                 |        |           | 5093           |
| 4521  |       | 9.0 | 7 31.98                                           | 3.105  | 0.008     | 1 36 28.9            | 9.45   | 0.40      | 267            |
| 4522  |       |     | 32.22                                             |        |           | 30.4                 |        |           | 4931           |
| 4523  |       | 8.5 | 7 34.89                                           | 3.113  | 0.009     | 2 1 13.2             | 9.45   | 0.40      | 268            |
| 4524  |       |     | 34.60                                             |        |           | 11.3                 |        |           | 5016           |
| 4525  |       | 9.0 | 7 58.50                                           | 3.110  | 0.008     | 1 49 11.0            | 9.42   | 0.40      | 341            |
| 4526  |       |     | —                                                 |        |           | 12.7                 |        |           | 5072           |
| 4527  |       |     | 58.30                                             |        |           | 11.6                 |        |           | 5094           |
| 4528  |       | 8.5 | 8 10.93                                           | 3.106  | 0.008     | 1 36 11.5            | 9.40   | 0.40      | 309            |
| 4529  |       |     | 11.00                                             |        |           | 11.0                 |        |           | 3928           |
| 4530  |       | 8.2 | 8 13.46                                           | 3.074  | 0.007     | 0 4 50.7             | 9.40   | 0.40      | 69             |
| 4531  |       |     | 13.35                                             |        |           | 50.3                 |        |           | 5017           |
| 4532  |       | 8.8 | 8 31.78                                           | 3.078  | 0.007     | 0 16 14.8            | 9.37   | 0.40      | 135            |
| 4533  |       |     | 31.80                                             |        |           | 15.4                 |        |           | 5073           |
| 4534  | 5741  | 7.5 | 8 36.26                                           | 3.103  | 0.008     | 1 27 27.7            | 9.37   | 0.40      | 203            |
| 4535  |       |     | 36.15                                             |        |           | 29.5                 |        |           | 5095           |
| 4536  |       | 8.5 | 8 45.01                                           | 3.113  | 0.008     | 2 1 10.4             | 9.36   | 0.41      | 310            |
| 4537  |       |     | 45.43                                             |        |           | 9.3                  |        |           | 4932           |
| 4538  |       | 8.2 | 8 50.22                                           | 3.083  | 0.007     | 0 19 20.4            | 9.35   | 0.40      | 342            |
| 4539  |       |     | 50.27                                             |        |           | 22.3                 |        |           | 3929           |
| 4540* | 5744  | 7.2 | 9 52.37                                           | 3.100  | 0.007     | 1 20 10.4            | 9.27   | 0.40      | 204            |
| 4541  |       |     | 52.74                                             |        |           | 10.1                 |        |           | 3767           |
| 4542* | 5755  | 8.5 | 11 41.08                                          | 3.113  | 0.008     | 1 57 54.8            | 9.13   | 0.41      | 70             |
| 4543* |       |     | 40.93                                             |        |           | 53.0                 |        |           | 3768           |
| 4544  |       | 9.0 | 16 12 18.24                                       | 3.089  | +0.007    | —0 47 37.3           | —9.08  | +0.40     | 3              |
| 4545  |       |     | 18.80                                             |        |           | 39.3                 |        |           | 136            |

4540. An 3 Fäden, die nicht gut stimmen. — 4542, 4543. Duplex, beide 8<sup>m</sup>9, d = circa 7", den südlicheren beobachtet.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 4546  |       |     | 16 <sup>h</sup> 12 <sup>m</sup> 18 <sup>s</sup> 54 |        |           | —0° 47' 40'' 8       |         |           | 3930           |
| 4547  |       | 8.5 | 13 0.98                                            | 3.081  | +0.007    | 0 24 1.7             | —9'' 03 | +0'' 40   | 147            |
| 4548  |       |     | 1.18                                               |        |           | 1.7                  |         |           | 3769           |
| 4549  |       | 8.9 | 13 56.41                                           | 3.086  | 0.007     | 0 40 14.6            | 8.95    | 0.40      | 71             |
| 4550  |       |     | 56.33                                              |        |           | 16.6                 |         |           | 3931           |
| 4551  | 5775  | 8.8 | 14 47.51                                           | 3.105  | 0.007     | 1 33 59.6            | 8.89    | 0.40      | 4              |
| 4552  |       |     | 47.70                                              |        |           | 63.2                 |         |           | 137            |
| 4553  |       |     | 47.54                                              |        |           | 62.0                 |         |           | 3770           |
| 4554  |       | 6.7 | 16 9.56                                            | 3.110  | 0.007     | 1 47 0.2             | 8.78    | 0.40      | 72             |
| 4555  |       |     | 9.31                                               |        |           | 1.4                  |         |           | 412            |
| 4556  |       | 8.8 | 16 20.34                                           | 3.076  | 0.007     | 0 10 56.6            | 8.76    | 0.41      | 148            |
| 4557  |       |     | 20.23                                              |        |           | 57.5                 |         |           | 3932           |
| 4558  |       | 7.0 | 16 40.01                                           | 3.084  | 0.007     | 0 33 40.0            | 8.74    | 0.41      | 205            |
| 4559  |       |     | 39.94                                              |        |           | 39.2                 |         |           | 3771           |
| 4560  |       | 8.0 | 16 44.50                                           | 3.081  | 0.007     | 0 24 23.7            | 8.73    | 0.41      | 269            |
| 4561  |       |     | 44.49                                              |        |           | 24.6                 |         |           | 4051           |
| 4562  |       | 8.2 | 16 46.49                                           | 3.078  | 0.007     | 0 16 9.4             | 8.73    | 0.41      | 5              |
| 4563  |       |     | 46.83                                              |        |           | 11.3                 |         |           | 138            |
| 4564  |       |     | 46.79                                              |        |           | 13.9                 |         |           | 4933           |
| 4565  |       | 9.0 | 17 3.80                                            | 3.108  | 0.007     | 1 43 53.7            | 8.71    | 0.41      | 311            |
| 4566  |       |     | 3.90                                               |        |           | 53.0                 |         |           | 5018           |
| 4567  |       | 8.4 | 17 13.99                                           | 3.113  | 0.007     | 1 58 21.4            | 8.69    | 0.42      | 270            |
| 4568  |       |     | 13.70                                              |        |           | 20.8                 |         |           | 3933           |
| 4569  |       | 9.0 | 21 16.00                                           | 3.083  | 0.007     | 0 30 18.5            | 8.37    | 0.41      | 73             |
| 4570  |       |     | 15.99                                              |        |           | 18.5                 |         |           | 149            |
| 4571* |       |     | 15.91                                              |        |           | 18.0                 |         |           | 3772           |
| 4572  |       | 9.0 | 21 38.60                                           | 3.100  | 0.007     | 1 18 10.9            | 8.34    | 0.41      | 139            |
| 4573  |       |     | 38.58                                              |        |           | 12.2                 |         |           | 3934           |
| 4574  |       | 9.0 | 21 59.58                                           | 3.082  | 0.007     | 0 27 41.1            | 8.32    | 0.41      | 206            |
| 4575  |       |     | 59.63                                              |        |           | 41.5                 |         |           | 5019           |
| 4576  | 5818  | 8.8 | 22 4.34                                            | 3.115  | 0.007     | 2 1 50.2             | 8.31    | 0.42      | 271            |
| 4577  |       |     | 4.33                                               |        |           | 50.7                 |         |           | 4052           |
| 4578  |       | 8.9 | 22 5.10                                            | 3.084  | 0.007     | 0 31 23.9            | 8.31    | 0.41      | 312            |
| 4579  |       |     | 5.29                                               |        |           | 24.1                 |         |           | 3935           |
| 4580  |       | 8.5 | 23 35.87                                           | 3.084  | 0.007     | 0 31 28.2            | 8.19    | 0.41      | 6              |
| 4581  |       |     | 36.28                                              |        |           | 30.0                 |         |           | 140            |
| 4582  |       |     | 35.98                                              |        |           | 28.5                 |         |           | 3773           |
| 4583  | 5832  | 8.5 | 24 18.45                                           | 3.115  | 0.007     | 2 1 52.4             | 8.13    | 0.42      | 74             |
| 4584  |       |     | 18.86                                              |        |           | 54.5                 |         |           | 207            |
| 4585  |       |     | 18.81                                              |        |           | 53.9                 |         |           | 3936           |
| 4586  | 5839  | 8.5 | 25 15.02                                           | 3.115  | 0.007     | 1 59 19.9            | 8.06    | 0.42      | 272            |
| 4587  |       |     | 14.97                                              |        |           | 18.4                 |         |           | 3774           |
| 4588  |       | 8.5 | 25 16.37                                           | 3.110  | 0.007     | 1 45 17.2            | 8.06    | 0.42      | 313            |
| 4589  |       |     | 16.66                                              |        |           | 17.0                 |         |           | 4053           |
| 4590  |       | 8.7 | 16 25 48.49                                        | 3.102  | +0.007    | —1 23 34.3           | —8.01   | +0.41     | 7              |

4571. Aeusserst schwach.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                              | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|-----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 4591 |       |     | 16 <sup>h</sup> 25 <sup>m</sup> 48 <sup>s</sup> .44 |        |           | —1° 23' 36'' 0       |         |           | 141            |
| 4592 |       |     | 48.19                                               |        |           | 36. 1                |         |           | 3937           |
| 4593 |       | 8.8 | 26 39.29                                            | 3.087  | +0.007    | 0 43 49. 7           | —7'' 94 | +0'' 41   | 75             |
| 4594 |       |     | 39.38                                               |        |           | 51. 0                |         |           | 3775           |
| 4595 |       | 9.0 | 26 45.53                                            | 3.102  | 0.007     | 1 21 10. 3           | 7. 94   | 0. 42     | 314            |
| 4596 |       |     | 45.65                                               |        |           | 11. 6                |         |           | 4054           |
| 4597 | 5852  | 8.8 | 27 10.97                                            | 3.094  | 0.007     | 1 0 22. 5            | 7. 90   | 0. 42     | 346            |
| 4598 |       |     | 11.08                                               |        |           | 21. 9                |         |           | 3938           |
| 4599 |       | 9.0 | 28 42.96                                            | 3.115  | 0.007     | 1 58 18. 8           | 7. 78   | 0. 42     | 8              |
| 4600 |       |     | 43.39                                               |        |           | 23. 2                |         |           | 142            |
| 4601 |       |     | 43.17                                               |        |           | 22. 4                |         |           | 3776           |
| 4602 |       | 8.4 | 29 32.64                                            | 3.076  | 0.007     | 0 9 14. 5            | 7. 71   | 0. 42     | 76             |
| 4603 |       |     | 32.77                                               |        |           | 15. 6                |         |           | 3939           |
| 4604 | 5869  | 5.8 | 29 47.38                                            | 3.116  | 0.007     | 2 3 18. 6            | 7. 69   | 0. 43     | 208            |
| 4605 |       |     | 47.13                                               |        |           | 19. 5                |         |           | 413            |
| 4606 |       | 8.6 | 30 56.54                                            | 3.076  | 0.007     | 0 9 17. 9            | 7. 60   | 0. 42     | 9              |
| 4607 |       |     | 56.89                                               |        |           | 21. 0                |         |           | 143            |
| 4608 |       |     | 56.83                                               |        |           | 20. 0                |         |           | 3777           |
| 4609 |       | 6.7 | 32 6.37                                             | 3.094  | 0.007     | 0 58 46. 8           | 7. 50   | 0. 42     | 77             |
| 4610 |       |     | 6.41                                                |        |           | 46. 3                |         |           | 414            |
| 4611 |       | 8.3 | 32 13.90                                            | 3.092  | 0.007     | 0 55 59. 0           | 7. 49   | 0. 42     | 209            |
| 4612 |       |     | 13.78                                               |        |           | 57. 1                |         |           | 3778           |
| 4613 |       | 8.4 | 32 25.31                                            | 3.085  | 0.007     | 0 35 4. 9            | 7. 48   | 0. 42     | 273            |
| 4614 |       |     | 25.06                                               |        |           | 5. 6                 |         |           | 3940           |
| 4615 |       | 7.5 | 32 46.43                                            | 3.105  | 0.007     | 1 30 33. 2           | 7. 45   | 0. 42     | 10             |
| 4616 |       |     | 46.73                                               |        |           | 35. 2                |         |           | 112            |
| 4617 |       |     | 46.67                                               |        |           | 34. 7                |         |           | 415            |
| 4618 | 5897  | 8.5 | 33 58.61                                            | 3.106  | 0.007     | 1 35 41. 2           | 7. 35   | 0. 42     | 78             |
| 4619 |       |     | 58.52                                               |        |           | 41. 4                |         |           | 3941           |
| 4620 |       | 6.5 | 34 44.14                                            | 3.089  | 0.007     | 0 45 20. 1           | 7. 29   | 0. 42     | 11             |
| 4621 |       |     | 44.67                                               |        |           | 24. 1                |         |           | 113            |
| 4622 |       |     | 44.54                                               |        |           | 24. 2                |         |           | 582            |
| 4623 | 5909  | 8.3 | 35 18.30                                            | 3.114  | 0.007     | 1 54 9. 6            | 7. 24   | 0. 43     | 210            |
| 4624 |       |     | 18.28                                               |        |           | 8. 1                 |         |           | 3779           |
| 4625 |       | 8.8 | 35 18.23                                            | 3.114  | 0.007     | 1 56 0. 4            | 7. 24   | 0. 43     | 274            |
| 4626 |       |     | 18.57                                               |        |           | 1. 3                 |         |           | 3942           |
| 4627 |       | 8.9 | 35 29.18                                            | 3.082  | 0.006     | 0 27 12. 2           | 7. 23   | 0. 42     | 315            |
| 4628 |       |     | 29.36                                               |        |           | 15. 1                |         |           | 4055           |
| 4629 |       | 8.5 | 35 40.62                                            | 3.114  | 0.007     | 1 55 8. 3            | 7. 21   | 0. 43     | 316            |
| 4630 |       |     | 40.50                                               |        |           | 7. 6                 |         |           | 416            |
| 4631 |       |     | 40.78                                               |        |           | 8. 6                 |         |           | 3780           |
| 4632 | 5915  | 9.0 | 36 0.01                                             | 3.106  | 0.006     | 1 33 16. 5           | 7. 19   | 0. 43     | 79             |
| 4633 |       |     | 0.04                                                |        |           | 16. 6                |         |           | 4934           |
| 4634 | 5916  | 8.1 | 16 36 4.21                                          | 3.113  | +0.006    | —1 52 31. 0          | —7. 18  | +0. 43    | 275            |
| 4635 |       |     | 4.15                                                |        |           | 33. 8                |         |           | 4056           |



| Nro.  | Schj. | Gr.        | Rectascension<br>1875.                              | Praec.              | Var. sec.            | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|------------|-----------------------------------------------------|---------------------|----------------------|----------------------|---------|-----------|----------------|
| 4636  | 5930  | 7.5        | 16 <sup>h</sup> 37 <sup>m</sup> 16 <sup>s</sup> .05 | 3 <sup>s</sup> .084 | +0 <sup>s</sup> .006 | —0° 32' 50'' 1       | —7'' 08 | +0'' 43   | 211            |
| 4637  |       |            | 15.73                                               |                     |                      | 49. 8                |         |           | 551            |
| 4638  |       | 7.9        | 37 52.17                                            | 3.079               | 0.006                | 0 19 18. 4           | 7. 03   | 0. 43     | 12             |
| 4639  |       |            | 52.17                                               |                     |                      | 17. 4                |         |           | 114            |
| 4640  |       |            | 52.26                                               |                     |                      | 16. 5                |         |           | 347            |
| 4641  |       |            | 52.33                                               |                     |                      | 18. 2                |         |           | 417            |
| 4642  |       | 8.8        | 38 24.06                                            | 3.075               | 0.006                | 0 6 20. 2            | 6. 99   | 0. 43     | 317            |
| 4643  |       |            | 24.14                                               |                     |                      | 17. 9                |         |           | 3781           |
| 4644  |       | 8.0        | 38 34.35                                            | 3.081               | 0.006                | 0 22 52. 9           | 6. 98   | 0. 43     | 383            |
| 4645  |       |            | 34.42                                               |                     |                      | 55. 1                |         |           | 397            |
| 4646  |       |            | 34.19                                               |                     |                      | 53. 7                |         |           | 480            |
| 4647  |       | 8.2        | 38 47.28                                            | 3.089               | 0.006                | 0 45 46. 5           | 6. 96   | 0. 43     | 212            |
| 4648  |       |            | 47.13                                               |                     |                      | 46. 3                |         |           | 3943           |
| 4649  |       | 8.7        | 39 2.86                                             | 3.101               | 0.006                | 1 20 48. 1           | 6. 94   | 0. 43     | 318            |
| 4650  |       |            | 2.94                                                |                     |                      | 49. 1                |         |           | 4057           |
| 4651  |       | 8.0        | 39 19.57                                            | 3.084               | 0.006                | 0 31 53. 4           | 6. 91   | 0. 43     | 348            |
| 4652  |       |            | 19.91                                               |                     |                      | 53. 6                |         |           | 3782           |
| 4653  |       |            | 19.88                                               |                     |                      | 52. 4                |         |           | 405            |
| 4654  |       | 8.8        | 39 21.95                                            | 3.095               | 0.006                | 1 2 0. 3             | 6. 91   | 0. 43     | 5130           |
| 4655  |       | 9.0        | 39 55.31                                            |                     |                      | 0 35 29. 9           | 6. 87   | 0. 43     | 80             |
| 4656  |       |            | 55.37                                               |                     |                      | 32. 2                |         |           | 4058           |
| 4657  |       | 8.5        | 39 56.25                                            | 3.097               | 0.006                | 1 7 44. 8            | 6. 86   | 0. 43     | 13             |
| 4658  |       |            | 56.44                                               |                     |                      | 43. 7                |         |           | 115            |
| 4659  |       |            | 56.76                                               |                     |                      | 43. 9                |         |           | 3944           |
| 4660  |       | 9.0        | 41 24.78                                            | 3.090               | 0.006                | 0 49 45. 5           | 6. 74   | 0. 43     | 213            |
| 4661  | 5962  |            | 24.77                                               |                     |                      | 44. 6                |         |           | 3783           |
| 4662* |       | 9.0        | 41 50.20                                            | 3.092               | 0.006                | 0 54 29. 0           | 6. 71   | 0. 43     | 14             |
| 4663* |       |            | 50.76                                               |                     |                      | 27. 6                |         |           | 81             |
| 4664  |       |            | 50.64                                               |                     |                      | 27. 9                |         |           | 3945           |
| 4665  |       | 9.0        | 43 24.87                                            | 3.080               | 0.006                | 0 20 26. 9           | 6. 58   | 0. 43     | 116            |
| 4666  | 5973  |            | 24.99                                               |                     |                      | 25. 0                |         |           | 3784           |
| 4667  |       | 9.0        | 43 33.54                                            | 3.112               | 0.006                | 1 48 59. 1           | 6. 57   | 0. 44     | 214            |
| 4668  |       |            | 33.59                                               |                     |                      | 58. 5                |         |           | 3946           |
| 4669  | 5977  | 9.0        | 43 40.64                                            | 3.095               | 0.006                | 1 1 56. 9            | 6. 56   | 0. 43     | 150            |
| 4670  |       |            | 40.99                                               |                     |                      | 56. 6                |         |           | 4059           |
| 4671  |       | 8.6        | 44 30.26                                            | 3.084               | 0.006                | 0 33 46. 3           | 6. 48   | 0. 43     | 15             |
| 4672  |       |            | 30.42                                               |                     |                      | 45. 2                |         |           | 319            |
| 4673  |       |            | 30.49                                               |                     |                      | 46. 2                |         |           | 418            |
| 4674  | 8.5   | 44 37.08   | 3.078                                               | 0.006               | 0 15 4. 7            | 6. 48                | 0. 43   | 82        |                |
| 4675* |       |            | 37.03                                               |                     |                      | 5. 0                 |         |           | 419            |
| 4676  |       | 8.9        | 45 1.98                                             | 3.110               | 0.006                | 1 43 53. 2           | 6. 44   | 0. 43     | 215            |
| 4677  |       |            | 2.10                                                |                     |                      | 50. 9                |         |           | 3785           |
| 4678  | 9.0   | 45 39.63   | 3.098                                               | 0.006               | 1 9 27. 8            | 6. 39                | 0. 43   | 151       |                |
| 4679  |       |            | 39.90                                               |                     |                      | 27. 4                |         |           | 3947           |
| 4680  | 7.2   | 16 47 2.21 | 3.092                                               | +0.006              | —0 55 17. 6          | —6. 28               | +0. 43  | 16        |                |

4662. Aeusserst schwach. — 4663. Decl. unsicher. — 4675. Nur an 2 Fäden



| Nro   | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 4681  |       |     | 16 <sup>h</sup> 47 <sup>m</sup> 2 <sup>s</sup> 30 |        |           | —0° 55' 14" 4        |        |           | 117            |
| 4682  |       |     | 2.48                                              |        |           | 17. 4                |        |           | 583            |
| 4683  | 6012  | 6.5 | 47 42.11                                          | 3.103  | +0.006    | 1 24 8. 7            | —6" 22 | +0" 43    | 83             |
| 4684  |       |     | 42.11                                             |        |           | 9. 1                 |        |           | 420            |
| 4685  |       | 8.8 | 49 26.06                                          | 3.093  | 0.006     | 0 57 4. 7            | 6. 08  | 0. 43     | 17             |
| 4686  |       |     | 25.87                                             |        |           | 3. 6                 |        |           | 152            |
| 4687  |       |     | 26.18                                             |        |           | 2. 6                 |        |           | 421            |
| 4688  |       | 8.2 | 50 24.11                                          | 3.113  | 0.006     | 1 51 4. 4            | 6. 00  | 0. 44     | 84             |
| 4689  |       |     | 23.99                                             |        |           | 4. 2                 |        |           | 3786           |
| 4690  | 6031  | 8.9 | 50 29.23                                          | 3.096  | 0.006     | 1 2 38. 8            | 5. 99  | 0. 43     | 216            |
| 4691  |       |     | 29.25                                             |        |           | 39. 4                |        |           | 3948           |
| 4692  |       | 8.8 | 51 34.84                                          | 3.094  | 0.006     | 0 56 54. 2           | 5. 90  | 0. 43     | 276            |
| 4693  |       |     | 34.91                                             |        |           | 54. 7                |        |           | 5020           |
| 4694* | 6042  | 7.3 | 52 52.50                                          | 3.106  | 0.006     | 1 29 43. 9           | 5. 79  | 0. 43     | 85             |
| 4695  |       |     | 52.61                                             |        |           | 47. 0                |        |           | 422            |
| 4696  |       | 9.0 | 54 0.79                                           | 3.085  | 0.006     | 0 35 29. 1           | 5. 70  | 0. 43     | 217            |
| 4697  |       |     | 0.93                                              |        |           | 31. 1                |        |           | 460            |
| 4698  |       |     | 0.75                                              |        |           | 31. 7                |        |           | 3949           |
| 4699  | 6048  | 8.8 | 54 6.08                                           | 3.110  | 0.006     | 1 42 2. 7            | 5. 69  | 0. 44     | 320            |
| 4700  |       |     | 6.13                                              |        |           | 4. 5                 |        |           | 3787           |
| 4701  |       | 8.8 | 54 6.64                                           | 3.085  | 0.006     | 0 34 55. 6           | 5. 69  | 0. 43     | 118            |
| 4702  |       |     | 6.66                                              |        |           | 55. 6                |        |           | 4060           |
| 4703  |       | 8.8 | 54 56.03                                          | 3.086  | 0.006     | 0 36 0. 8            | 5. 62  | 0. 43     | 86             |
| 4704  |       |     | 56.28                                             |        |           | 2. 4                 |        |           | 3788           |
| 4705  |       | 5.8 | 16 59 5.55                                        | 3.088  | 0.005     | 0 43 7. 0            | 5. 27  | 0. 44     | 18             |
| 4706  |       |     | 5.66                                              |        |           | 6. 6                 |        |           | 119            |
| 4707* |       |     | 5.48                                              |        |           | 7. 2                 |        |           | 423            |
| 4708  |       | 9.0 | 17 0 20.40                                        | 3.097  | 0.005     | 1 5 18. 2            | 5. 16  | 0. 44     | 87             |
| 4709  |       |     | 20.28                                             |        |           | 19. 8                |        |           | 3789           |
| 4710  |       | 6.3 | 0 24.36                                           | 3.107  | 0.005     | 1 29 7. 0            | 5. 16  | 0. 44     | 218            |
| 4711  |       |     | 24.06                                             |        |           | 8. 1                 |        |           | 461            |
| 4712  |       | 8.7 | 1 33.15                                           | 3.112  | 0.005     | 1 45 32. 5           | 5. 06  | 0. 45     | 19             |
| 4713  |       |     | 33.58                                             |        |           | 32. 0                |        |           | 120            |
| 4714* |       |     | 33.78                                             |        |           | 31. 4                |        |           | 462            |
| 4715  |       | 6.2 | 1 46.77                                           | 3.093  | 0.005     | 0 54 45. 8           | 5. 04  | 0. 44     | 219            |
| 4716  |       |     | 46.75                                             |        |           | 45. 6                |        |           | 424            |
| 4717  | 6113  | 8.5 | 2 13.90                                           | 3.116  | 0.005     | 1 56 34. 8           | 5. 00  | 0. 45     | 88             |
| 4718  |       |     | 13.78                                             |        |           | 34. 7                |        |           | 3790           |
| 4719* |       | 8.0 | 3 43.75                                           | 3.086  | 0.005     | 0 35 61. 8           | 4. 87  | 0. 44     | 20             |
| 4720  |       |     | 44.27                                             |        |           | 59. 8                |        |           | 121            |
| 4721  |       |     | 44.08                                             |        |           | 62. 3                |        |           | 425            |
| 4722  |       | 8.2 | 5 24.26                                           | 3.091  | 0.005     | 0 49 52. 4           | 4. 73  | 0. 44     | 89             |
| 4723  |       |     | 24.55                                             |        |           | 52. 0                |        |           | 463            |
| 4724  |       | 7.6 | 17 5 55.81                                        | 3.086  | +0.005    | —0 37 8. 3           | —4. 69 | +0. 44    | 21             |
| 4725  |       |     | 56.17                                             |        |           | 6. 9                 |        |           | 277            |

4694. Die Bonner Durchm. bedarf in AR einer Correction von  $-10^s$ . — 4707. Nur an 2 Fäden. —  
 4714. Sehr schwach. — 4719. Fäden stimmen schlecht.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 4726  |       |     | 17 <sup>h</sup> 5 <sup>m</sup> 56 <sup>s</sup> 37 |        |           | —0° 37' 6" 5         |        |           | 426            |
| 4727  |       |     | 56.16                                             |        |           | 6. 3                 |        |           | 464            |
| 4728  | 6142  | 8.7 | 6 6.01                                            | 3.092  | +0.005    | 0 51 30.9            | —4" 67 | +0" 44    | 220            |
| 4729  |       |     | 6.04                                              |        |           | 30. 4                |        |           | 3791           |
| 4730  | 6152  | 8.9 | 8 16.23                                           | 3.100  | 0.005     | 1 12 7.5             | 4. 49  | 0. 44     | 22             |
| 4731  |       |     | 16.50                                             |        |           | 6. 2                 |        |           | 153            |
| 4732  |       |     | 16.72                                             |        |           | 6. 3                 |        |           | 3792           |
| 4733  | 6156  | 8.8 | 8 58.82                                           | 3.093  | 0.005     | 0 55 55.8            | 4. 43  | 0. 44     | 90             |
| 4734  |       |     | 58.72                                             |        |           | 54. 9                |        |           | 5021           |
| 4735  |       | 8.8 | 9 18.17                                           | 3.099  | 0.005     | 1 8 56.4             | 4. 40  | 0. 44     | 221            |
| 4736  |       |     | 18.13                                             |        |           | 58. 8                |        |           | 3793           |
| 4737  |       | 4.3 | 10 11.13                                          | 3.079  | 0.005     | 0 18 8.2             | 4. 33  | 0. 44     | 23             |
| 4738  |       |     | 11.33                                             |        |           | 7. 9                 |        |           | 154            |
| 4739* |       |     | 11.54                                             |        |           | 7. 4                 |        |           | 427            |
| 4740* | 6169  | 8.7 | 11 31.25                                          | 3.091  | 0.005     | 0 49 11.8            | 4. 21  | 0. 44     | 91             |
| 4741  |       |     | 31.46                                             |        |           | 11. 4                |        |           | 465            |
| 4742  | 6170  | 9.0 | 11 38.31                                          | 3.098  | 0.005     | 1 8 37.1             | 4. 20  | 0. 44     | 278            |
| 4743  |       |     | 38.38                                             |        |           | 38. 5                |        |           | 3794           |
| 4744  |       | 8.0 | 11 48.91                                          | 3.087  | 0.005     | 0 37 43.8            | 4. 19  | 0. 44     | 279            |
| 4745  |       |     | 48.81                                             |        |           | 41. 4                |        |           | 584            |
| 4746  |       | 8.4 | 12 11.48                                          | 3.104  | 0.005     | 1 22 39.7            | 4. 15  | 0. 44     | 24             |
| 4747  |       |     | 11.71                                             |        |           | 39. 3                |        |           | 155            |
| 4748  |       |     | 11.73                                             |        |           | 37. 9                |        |           | 652            |
| 4749  |       | 8.1 | 13 35.46                                          | 3.077  | 0.005     | 0 11 40.5            | 4. 03  | 0. 44     | 92             |
| 4750  |       |     | 35.50                                             |        |           | 39. 2                |        |           | 428            |
| 4751  | 6189  | 9.0 | 13 54.94                                          | 3.106  | 0.005     | 1 27 45.9            | 4. 01  | 0. 44     | 222            |
| 4752  |       |     | 54.93                                             |        |           | 47. 1                |        |           | 552            |
| 4753  |       | 8.7 | 14 33.72                                          | 3.074  | 0.005     | 0 6 13.0             | 3. 95  | 0. 44     | 25             |
| 4754  |       |     | 33.73                                             |        |           | 11. 4                |        |           | 156            |
| 4755  |       |     | 34.01                                             |        |           | 11. 0                |        |           | 466            |
| 4756  |       | 8.9 | 14 39.43                                          | 3.082  | 0.005     | 0 25 31.8            | 3. 94  | 0. 44     | 370            |
| 4757  |       |     | 39.25                                             |        |           | 33. 8                |        |           | 481            |
| 4758  |       | 8.7 | 14 53.48                                          | 3.085  | 0.005     | 0 31 21.4            | 3. 92  | 0. 44     | 321            |
| 4759* |       |     | 53.81                                             |        |           | 21. 9                |        |           | 3795           |
| 4760* |       | 8.4 | 15 1.87                                           | 3.087  | 0.005     | 0 38 25.2            | 3. 91  | 0. 44     | 223            |
| 4761  |       |     | 2.38                                              |        |           | 25. 4                |        |           | 5022           |
| 4762  |       | 9.0 | 16 16.57                                          | 3.082  | 0.004     | 0 25 3.2             | 3. 80  | 0. 44     | 93             |
| 4763  |       |     | 16.53                                             |        |           | 3. 7                 |        |           | 585            |
| 4764  | 6204  | 8.3 | 16 17.66                                          | 3.090  | 0.004     | 0 46 8.6             | 3. 80  | 0. 44     | 26             |
| 4765  |       |     | 18.03                                             |        |           | 6. 9                 |        |           | 122            |
| 4766  |       |     | 17.94                                             |        |           | 7. 4                 |        |           | 429            |
| 4767  |       |     | 17.99                                             |        |           | 7. 4                 |        |           | 467            |
| 4768  | 6212  | 8.5 | 17 31.16                                          | 3.088  | 0.004     | 0 42 57.8            | 3. 70  | 0. 44     | 322            |
| 4769  |       |     | 31.21                                             |        |           | 59. 2                |        |           | 553            |
| 4770  |       | 9.0 | 17 17 56.71                                       | 3.083  | +0.004    | —0 28 11.8           | —3. 66 | +0. 44    | 280            |

4739. Fäden stimmen schlecht. — 4740. Die Uebereinstimmung der Fäden ist nicht sonderlich.  
 4759. Fäden stimmen schlecht. — 4760. Nur an 2 Fäden, die nicht sonderlich gut stimmen.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 4771  |       |     | 17 <sup>h</sup> 17 <sup>m</sup> 56 <sup>s</sup> 67 |        |           | —0° 28' 12" 4        |        |           | 3796           |
| 4772* |       | 9.0 | 18 4.54                                            | 3.085  | +0.004    | 0 32 46.0            | —3" 65 | +0" 44    | 27             |
| 4773  |       |     | 4.58                                               |        |           | 46.7                 |        |           | 323            |
| 4774* |       |     | 4.78                                               |        |           | 44.0                 |        |           | 349            |
| 4775  |       |     | 4.82                                               |        |           | 47.1                 |        |           | 5023           |
| 4776  |       | 6.7 | 19 28.52                                           | 3.108  | 0.004     | 1 32 26.2            | 3.53   | 0.44      | 224            |
| 4777  |       |     | 28.44                                              |        |           | 25.6                 |        |           | 430            |
| 4778  | 6230  | 7.7 | 20 12.89                                           | 3.093  | 0.004     | 0 53 25.5            | 3.46   | 0.44      | 281            |
| 4779  |       |     | 12.83                                              |        |           | 26.6                 |        |           | 431            |
| 4780  |       | 8.1 | 20 20.89                                           | 3.074  | 0.004     | 0 4 28.2             | 3.45   | 0.44      | 28             |
| 4781  |       |     | 21.00                                              |        |           | 27.8                 |        |           | 123            |
| 4782  |       |     | 21.11                                              |        |           | 27.2                 |        |           | 468            |
| 4783  |       | 8.0 | 23 7.83                                            | 3.074  | 0.004     | 0 4 0.6              | 3.21   | 0.44      | 29             |
| 4784  |       |     | 8.07                                               |        |           | 2.0                  |        |           | 124            |
| 4785  |       |     | 8.26                                               |        |           | 0.6                  |        |           | 432            |
| 4786  |       | 8.5 | 23 28.55                                           | 3.100  | 0.004     | 1 12 20.1            | 3.18   | 0.44      | 94             |
| 4787  |       |     | 28.23                                              |        |           | 19.9                 |        |           | 469            |
| 4788  | 6256  | 8.7 | 23 35.33                                           | 3.116  | 0.004     | 1 53 4.5             | 3.17   | 0.45      | 157            |
| 4789  |       |     | 35.27                                              |        |           | 7.4                  |        |           | 554            |
| 4790  |       | 9.0 | 23 38.42                                           | 3.095  | 0.004     | 0 56 14.7            | 3.17   | 0.44      | 225            |
| 4791  |       |     | 38.15                                              |        |           | 13.9                 |        |           | 586            |
| 4792  | 6260  | 5.4 | 23 57.70                                           | 3.095  | 0.004     | 0 57 25.5            | 3.14   | 0.44      | 282            |
| 4793  |       |     | 57.73                                              |        |           | 25.9                 |        |           | 470            |
| 4794  |       | 9.0 | 23 58.51                                           | 3.080  | 0.004     | 0 19 4.6             | 3.14   | 0.44      | 324            |
| 4795  |       |     | 58.49                                              |        |           | 7.0                  |        |           | 3797           |
| 4796* |       | 8.3 | 24 54.14                                           | 3.078  | 0.004     | 0 15 2.0             | 3.06   | 0.44      | 30             |
| 4797  |       |     | 54.33                                              |        |           | 2.8                  |        |           | 125            |
| 4798  |       |     | 54.45                                              |        |           | 0.6                  |        |           | 764            |
| 4799  |       | 9.0 | 26 5.59                                            | 3.082  | 0.004     | 0 26 0.4             | 2.96   | 0.45      | 95             |
| 4800  |       |     | 5.43                                               |        |           | 2.2                  |        |           | 433            |
| 4801  | 6280  | 8.8 | 27 13.01                                           | 3.088  | 0.004     | 0 42 19.5            | 2.86   | 0.45      | 158            |
| 4802  |       |     | 13.03                                              |        |           | 20.1                 |        |           | 471            |
| 4803  | 6281  | 8.9 | 27 23.42                                           | 3.116  | 0.004     | 1 54 13.4            | 2.84   | 0.46      | 226            |
| 4804  |       |     | 23.35                                              |        |           | 14.2                 |        |           | 555            |
| 4805  |       | 8.0 | 27 59.23                                           | 3.110  | 0.004     | 1 40 3.0             | 2.79   | 0.46      | 96             |
| 4806  |       |     | 59.14                                              |        |           | 2.8                  |        |           | 556            |
| 4807  |       | 8.0 | 28 23.93                                           | 3.107  | 0.004     | 1 31 8.8             | 2.76   | 0.45      | 283            |
| 4808  |       |     | 23.88                                              |        |           | 8.6                  |        |           | 434            |
| 4809  |       |     | 23.84                                              |        |           | 8.5                  |        |           | 587            |
| 4810* |       | 9.0 | 28 40.49                                           | 3.084  | 0.004     | 0 30 43.7            | 2.73   | 0.45      | 227            |
| 4811* |       |     | 40.32                                              |        |           | 43.5                 |        |           | 5024           |
| 4812* |       | 9.0 | 30 27.35                                           | 3.113  | 0.004     | 1 47 7.4             | 2.58   | 0.46      | 126            |
| 4813  |       |     | 27.71                                              |        |           | 8.2                  |        |           | 3798           |
| 4814  |       | 8.5 | 17 31 6.26                                         | 3.094  | +0.004    | —0 57 18.0           | —2.52  | +0.45     | 159            |
| 4815  |       |     | 6.57                                               |        |           | 20.0                 |        |           | 472            |

4772. Aeusserst schwach. — 4774. Sehr schwach. — 4796. Sehr schwach. — 4810. Sehr schwach. —  
 4811. Etwas südlicher folgt ein \*, d = 30". — 4812. Sehr schwach. Wolken.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 4816  |       | 9.0 | 17 <sup>h</sup> 31 <sup>m</sup> 13 <sup>s</sup> 44 | 3 <sup>s</sup> 108 | +0 <sup>s</sup> 004 | —1° 33' 45'' 8       | —2'' 51 | +0'' 46   | 284            |
| 4817  |       |     | 13.61                                              |                    |                     | 44. 4                |         |           | 765            |
| 4818  |       | 9.0 | 31 47.31                                           | 3.097              | 0.004               | 1 4 26. 5            | 2. 46   | 0. 45     | 325            |
| 4819  |       |     | 47.39                                              |                    |                     | 28. 1                |         |           | 588            |
| 4820  | 6327  | 6.5 | 33 31.64                                           | 3.086              | 0.004               | 0 34 4. 1            | 2. 31   | 0. 45     | 97             |
| 4821  |       |     | 31.63                                              |                    |                     | 6. 3                 |         |           | 435            |
| 4822* |       | 9.0 | 34 4.13                                            | 3.098              | 0.004               | 1 8 44. 3            | 2. 26   | 0. 45     | 160            |
| 4823  |       |     | 4.43                                               |                    |                     | 47. 6                |         |           | 589            |
| 4824  |       | 8.8 | 34 4.69                                            | 3.093              | 0.004               | 0 55 26. 3           | 2. 26   | 0. 45     | 228            |
| 4825  |       |     | 4.71                                               |                    |                     | 26. 2                |         |           | 624            |
| 4826  |       | 8.8 | 34 24.39                                           | 3.088              | 0.004               | 0 42 49. 9           | 2. 23   | 0. 45     | 285            |
| 4827  |       |     | 24.32                                              |                    |                     | 49. 8                |         |           | 557            |
| 4828  |       | 9.0 | 34 35.25                                           | 3.114              | 0.004               | 1 50 40. 0           | 2. 22   | 0. 46     | 5131           |
| 4829  |       |     | 35.32                                              |                    |                     | 39. 7                |         |           | 482            |
| 4830  | 6333  | 8.3 | 34 37.46                                           | 3.103              | 0.004               | 1 19 45. 7           | 2. 22   | 0. 45     | 5132           |
| 4831  |       |     | 37.51                                              |                    |                     | 43. 1                |         |           | 406            |
| 4832  |       |     | 37.46                                              |                    |                     | 44. 8                |         |           | 653            |
| 4833  |       | 8.1 | 35 13.11                                           | 3.086              | 0.003               | 0 36 42. 0           | 2. 16   | 0. 45     | 229            |
| 4834  |       |     | 13.11                                              |                    |                     | 43. 8                |         |           | 766            |
| 4835  |       | 8.9 | 37 9.13                                            | 3.117              | 0.003               | 1 55 51. 6           | 2. 00   | 0. 46     | 161            |
| 4836  |       |     | 9.06                                               |                    |                     | 51. 7                |         |           | 558            |
| 4837  |       | 7.7 | 37 31.46                                           | 3.112              | 0.003               | 1 44 53. 7           | 1. 96   | 0. 46     | 230            |
| 4838  |       |     | 31.40                                              |                    |                     | 55. 5                |         |           | 436            |
| 4839  | 6364  | 8.0 | 38 12.32                                           | 3.111              | 0.003               | 1 41 2. 4            | 1. 90   | 0. 46     | 286            |
| 4840  |       |     | 12.51                                              |                    |                     | 3. 6                 |         |           | 473            |
| 4841* |       | 8.2 | 38 25.76                                           | 3.074              | 0.003               | 0 4 43. 8            | 1. 88   | 0. 45     | 162            |
| 4842  |       |     | 26.22                                              |                    |                     | 43. 7                |         |           | 590            |
| 4843  | 6373  | 8.5 | 39 47.81                                           | 3.097              | 0.003               | 1 5 52. 8            | 1. 77   | 0. 45     | 231            |
| 4844  |       |     | 47.41                                              |                    |                     | 57. 4                |         |           | 559            |
| 4845  |       | 8.2 | 40 11.63                                           | 3.099              | 0.003               | 1 9 51. 1            | 1. 73   | 0. 45     | 287            |
| 4846  |       |     | 11.59                                              |                    |                     | 53. 0                |         |           | 474            |
| 4847  |       | 7.5 | 40 24.45                                           | 3.111              | 0.003               | 1 40 12. 7           | 1. 71   | 0. 46     | 326            |
| 4848  |       |     | 24.65                                              |                    |                     | 15. 8                |         |           | 591            |
| 4849  |       | 8.5 | 40 51.95                                           | 3.097              | 0.003               | 1 3 32. 5            | 1. 67   | 0. 45     | 350            |
| 4850  |       |     | 52.29                                              |                    |                     | 32. 4                |         |           | 625            |
| 4851  |       | 8.7 | 40 54.15                                           | 3.100              | 0.003               | 1 13 41. 2           | 1. 67   | 0. 45     | 384            |
| 4852  |       |     | 53.91                                              |                    |                     | 42. 6                |         |           | 483            |
| 4853  |       | 8.7 | 41 7.68                                            | 3.106              | 0.003               | 1 28 3. 7            | 1. 65   | 0. 45     | 232            |
| 4854  |       |     | 8.19                                               |                    |                     | 4. 1                 |         |           | 767            |
| 4855* |       | 9.0 | 41 48.34                                           | 3.108              | 0.003               | 1 32 23. 3           | 1. 59   | 0. 46     | 5133           |
| 4856  |       |     | 48.73                                              |                    |                     | 23. 6                |         |           | 5025           |
| 4857  | 6389  | 7.8 | 41 48.88                                           | 3.095              | 0.003               | 0 58 17. 0           | 1. 59   | 0. 45     | 351            |
| 4858  |       |     | 48.57                                              |                    |                     | 14. 7                |         |           | 824            |
| 4859  | 6392  | 7.5 | 17 41 49.92                                        | 3.113              | +0.003              | —1 45 46. 6          | —1. 59  | +0. 46    | 398            |
| 4860  |       |     | 49.95                                              |                    |                     | 46. 3                |         |           | 654            |

4822. Sehr schwach, unsicher. — 4841. Sehr schwach. — 4855. AR etwas unsicher, Geräusch.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec.             | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------------------|-----------|----------------------|--------|-----------|----------------|
| 4861  |       | 8.7 | 17 <sup>h</sup> 42 <sup>m</sup> 23 <sup>s</sup> 83 | 3 <sup>s</sup> 115 | +0.003    | —1° 49' 33" 2        | —1' 54 | +0" 46    | 5134           |
| 4862  |       |     | 23.95                                              |                    |           | 35. 2                |        |           | 592            |
| 4863  |       | 9.0 | 43 13.42                                           | 3.089              | 0.003     | 0 43 18. 0           | 1. 47  | 0. 45     | 5135           |
| 4864* |       |     | 13.62                                              |                    |           | 18. 7                |        |           | 5026           |
| 4865  |       | 8.0 | 43 43.31                                           | 3.087              | 0.003     | 0 38 19. 1           | 1. 42  | 0. 45     | 399            |
| 4866  |       |     | 43.25                                              |                    |           | 20. 1                |        |           | 437            |
| 4867* |       | 9.0 | 44 58.25                                           | 3.084              | 0.003     | 0 30 33. 4           | 1. 31  | 0. 45     | 163            |
| 4868  |       |     | 58.51                                              |                    |           | 36. 4                |        |           | 593            |
| 4869  | 6421  | 6.5 | 45 31.80                                           | 3.100              | 0.003     | 1 12 8. 9            | 1. 27  | 0. 45     | 233            |
| 4870  |       |     | 31.76                                              |                    |           | 10. 9                |        |           | 475            |
| 4871  |       | 7.8 | 45 54.06                                           | 3.105              | 0.003     | 1 23 46. 5           | 1. 23  | 0. 45     | 288            |
| 4872  |       |     | 54.04                                              |                    |           | 48. 4                |        |           | 438            |
| 4873  |       | 9.0 | 46 5.72                                            | 3.106              | 0.003     | 1 28 40. 6           | 1. 21  | 0. 45     | 352            |
| 4874  |       |     | 5.73                                               |                    |           | 41. 4                |        |           | 560            |
| 4875  |       | 8.7 | 46 8.70                                            | 3.074              | 0.003     | 0 5 16. 3            | 1. 21  | 0. 45     | 385            |
| 4876  |       |     | 8.90                                               |                    |           | 17. 9                |        |           | 407            |
| 4877  |       | 8.2 | 46 27.28                                           | 3.072              | 0.003     | 0 0 22. 1            | 1. 19  | 0. 45     | 164            |
| 4878  |       |     | 27.46                                              |                    |           | 23. 9                |        |           | 476            |
| 4879  | 6439  | 7.1 | 47 34.90                                           | 3.109              | 0.003     | 1 35 24. 6           | 1. 09  | 0. 46     | 234            |
| 4880  |       |     | 34.93                                              |                    |           | 25. 5                |        |           | 439            |
| 4881  |       | 9.0 | 48 40.21                                           | 3.077              | 0.003     | 0 12 10. 6           | 0. 99  | 0. 45     | 289            |
| 4882  |       |     | 40.22                                              |                    |           | 10. 7                |        |           | 561            |
| 4883  | 6445  | 8.7 | 48 40.34                                           | 3.112              | 0.003     | 1 42 18. 2           | 0. 99  | 0. 46     | 400            |
| 4884* |       |     | 39.84                                              |                    |           | 21. 3                |        |           | 477            |
| 4885  |       | 9.0 | 49 30.77                                           | 3.093              | 0.003     | 0 51 30. 1           | 0. 92  | 0. 45     | 235            |
| 4886  |       |     | 30.84                                              |                    |           | 32. 4                |        |           | 594            |
| 4887  | 6454  | 8.3 | 49 39.20                                           | 3.104              | 0.003     | 1 23 17. 7           | 0. 90  | 0. 45     | 386            |
| 4888  |       |     | 39.00                                              |                    |           | 20. 0                |        |           | 440            |
| 4889  |       | 9.0 | 51 11.25                                           | 3.108              | 0.003     | 1 33 5. 8            | 0. 77  | 0. 46     | 290            |
| 4890* |       |     | 11.09                                              |                    |           | 6. 1                 |        |           | 562            |
| 4891  | 6464  | 8.4 | 51 16.97                                           | 3.113              | 0.003     | 1 44 54. 1           | 0. 76  | 0. 46     | 165            |
| 4892  |       |     | 17.22                                              |                    |           | 57. 3                |        |           | 595            |
| 4893  | 6473  | 8.7 | 52 13.49                                           | 3.085              | 0.003     | 0 34 1. 8            | 0. 68  | 0. 45     | 236            |
| 4894  |       |     | 13.71                                              |                    |           | 6. 4                 |        |           | 441            |
| 4895  | 6483  | 8.7 | 53 25.92                                           | 3.100              | 0.003     | 1 9 19. 2            | 0. 57  | 0. 45     | 166            |
| 4896  |       |     | 26.32                                              |                    |           | 23. 1                |        |           | 596            |
| 4897  | 6486  | 9.0 | 53 45.48                                           | 3.111              | 0.003     | 1 40 55. 8           | 0. 55  | 0. 46     | 291            |
| 4898  |       |     | 45.76                                              |                    |           | 55. 3                |        |           | 626            |
| 4899  | 6506  | 8.0 | 56 19.18                                           | 3.103              | 0.002     | 1 20 3. 2            | 0. 32  | 0. 45     | 167            |
| 4900  |       |     | 19.37                                              |                    |           | 4. 7                 |        |           | 442            |
| 4901  |       | 9.0 | 56 35.32                                           | 3.083              | 0.002     | 0 27 17. 9           | 0. 30  | 0. 45     | 237            |
| 4902* |       |     | 35.54                                              |                    |           | 18. 4                |        |           | 563            |
| 4903  |       | 8.9 | 58 18.67                                           | 3.113              | 0.002     | 1 44 38. 7           | 0. 15  | 0. 46     | 168            |
| 4904  |       |     | 18.93                                              |                    |           | 41. 8                |        |           | 597            |
| 4905  | 6530  | 8.4 | 17 59 2.36                                         | 3.118              | +0.002    | —1 58 19. 0          | —0. 08 | +0. 46    | 238            |

4864. Nur an 2 Fäden. — 4867. Decl. unsicher. — 4884. Beobachtung unsicher. — 4890. Fäden stimmen nicht besonders. — 4902. Fäden stimmen schlecht, die Beobachtung überhaupt unsicher.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.               | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|--------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 4906  |       |     | 17 <sup>h</sup> 59 <sup>m</sup> 25.2 |        |           | -1° 58' 19'' 7       |         |           | 443            |
| 4907  |       | 8.7 | 59 7.35                              | 3.073  | +0.002    | 0 1 45.9             | -0'' 08 | +0'' 45   | 5146           |
| 4908  |       |     | 7.44                                 |        |           | 44.8                 |         |           | 564            |
| 4909  | 6534  | 8.7 | 59 21.29                             | 3.106  | 0.002     | 1 27 36.5            | 0.06    | 0.46      | 353            |
| 4910  |       |     | 21.40                                |        |           | 38.3                 |         |           | 598            |
| 4911* |       | 8.8 | 59 40.25                             | 3.081  | 0.002     | 0 22 4.2             | 0.03    | 0.45      | 354            |
| 4912  |       |     | 40.13                                |        |           | 2.2                  |         |           | 627            |
| 4913  |       | 6.5 | 59 42.01                             | 3.083  | 0.002     | 0 27 16.5            | -0.03   | 0.45      | 327            |
| 4914  |       |     | 42.06                                |        |           | 15.7                 |         |           | 655            |
| 4915* |       | 9.1 | 59 58.67                             | 3.097  | 0.002     | 1 2 54.8             | 0.00    | 0.45      | 292            |
| 4916  |       | 8.8 | 17 59 59.30                          | 3.100  | 0.002     | 1 9 45.2             | 0.00    | 0.45      | 169            |
| 4917  |       |     | 58.99                                |        |           | 45.2                 |         |           | 738            |
| 4918  |       | 8.2 | 18 0 36.60                           | 3.114  | 0.002     | 1 46 51.4            | +0.05   | 0.46      | 239            |
| 4919  |       |     | 36.82                                |        |           | 53.6                 |         |           | 628            |
| 4920  | 6550  | 8.3 | 1 32.44                              | 3.091  | 0.002     | 0 48 7.7             | 0.13    | 0.45      | 293            |
| 4921  |       |     | 32.59                                |        |           | 8.3                  |         |           | 565            |
| 4922  | 6559  | 8.7 | 2 4.31                               | 3.107  | 0.002     | 1 29 54.0            | 0.18    | 0.46      | 355            |
| 4923  |       |     | 4.29                                 |        |           | 53.9                 |         |           | 629            |
| 4924  |       | 9.0 | 3 6.52                               | 3.080  | 0.002     | 0 20 45.4            | 0.27    | 0.45      | 240            |
| 4925  |       |     | 6.43                                 |        |           | 47.4                 |         |           | 599            |
| 4926  |       | 8.5 | 3 14.09                              | 3.099  | 0.002     | 1 8 56.6             | 0.28    | 0.45      | 387            |
| 4927  |       |     | 13.98                                |        |           | 55.3                 |         |           | 408            |
| 4928  |       | 9.0 | 4 4.24                               | 3.080  | 0.002     | 0 19 1.3             | 0.36    | 0.45      | 328            |
| 4929  |       |     | 4.25                                 |        |           | 0.6                  |         |           | 566            |
| 4930  |       | 9.0 | 4 35.79                              | 3.073  | 0.002     | 0 1 35.6             | 0.40    | 0.45      | 241            |
| 4931  |       |     | 35.92                                |        |           | 34.5                 |         |           | 656            |
| 4932  | 6582  | 8.0 | 4 50.15                              | 3.088  | 0.002     | 0 40 52.4            | 0.42    | 0.45      | 170            |
| 4933  |       |     | 50.29                                |        |           | 56.9                 |         |           | 600            |
| 4934  |       | 9.0 | 6 28.68                              | 3.091  | 0.001     | 0 47 22.3            | 0.57    | 0.45      | 242            |
| 4935  |       |     | 28.59                                |        |           | 22.8                 |         |           | 601            |
| 4936  | 6600  | 7.3 | 6 46.58                              | 3.113  | 0.001     | 1 44 57.0            | 0.59    | 0.46      | 171            |
| 4937  |       |     | 46.64                                |        |           | 59.2                 |         |           | 567            |
| 4938  |       | 9.0 | 10 40.16                             | 3.116  | 0.001     | 1 51 53.2            | 0.93    | 0.46      | 172            |
| 4939* |       |     | 40.23                                |        |           | 54.8                 |         |           | 568            |
| 4940  |       | 8.8 | 10 57.17                             | 3.101  | 0.001     | 1 15 44.7            | 0.96    | 0.45      | 243            |
| 4941  |       |     | 57.04                                |        |           | 48.9                 |         |           | 602            |
| 4942  |       | 7.6 | 11 14.36                             | 3.107  | 0.001     | 1 30 27.4            | 0.98    | 0.46      | 294            |
| 4943  |       |     | 14.11                                |        |           | 30.4                 |         |           | 603            |
| 4944  |       | 7.6 | 11 37.28                             | 3.104  | 0.001     | 1 22 33.0            | 1.02    | 0.45      | 356            |
| 4945  |       |     | 37.46                                |        |           | 31.6                 |         |           | 569            |
| 4946  |       | 8.7 | 11 55.60                             | 3.093  | 0.001     | 0 54 27.5            | 1.04    | 0.45      | 371            |
| 4947  |       |     | 55.80                                |        |           | 28.8                 |         |           | 484            |
| 4948  |       | 8.5 | 12 0.79                              | 3.118  | 0.001     | 1 57 53.1            | 1.05    | 0.46      | 357            |
| 4949  |       |     | 0.90                                 |        |           | 51.4                 |         |           | 630            |
| 4950  | 6658  | 8.6 | 18 12 29.89                          | 3.088  | +0.001    | -0 42 49.2           | +1.09   | +0.45     | 98             |

4911. Nur an 2 Fäden. — 4915. B. D. — 1°. N. 3449. — 4939. Sehr schwach; unsicher, namentlich Decl.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 4951  |       |     | 18 <sup>h</sup> 12 <sup>m</sup> 30 <sup>s</sup> 05 |                    |                     | —0° 42' 49" 4        |         |           | 244            |
| 4952  |       |     | 30.16                                              |                    |                     | 51. 4                |         |           | 631            |
| 4953  |       | 8.4 | 14 19.87                                           | 3 <sup>s</sup> 083 | +0 <sup>s</sup> 001 | 0 28 57. 0           | +1'' 25 | +0'' 45   | 31             |
| 4954  |       |     | 20.19                                              |                    |                     | 55. 3                |         |           | 173            |
| 4955  |       |     | 20.29                                              |                    |                     | 56. 6                |         |           | 570            |
| 4956  | 6683  | 8.8 | 14 48.59                                           | 3.092              | 0.001               | 0 50 25. 7           | 1. 30   | 0. 45     | 245            |
| 4957  |       |     | 48.37                                              |                    |                     | 29. 7                |         |           | 604            |
| 4958  |       | 8.9 | 15 7.65                                            | 3.109              | 0.001               | 1 35 15. 8           | 1. 32   | 0. 46     | 295            |
| 4959  |       |     | 7.75                                               |                    |                     | 15. 1                |         |           | 632            |
| 4960  |       | 7.1 | 15 56.03                                           | 3.101              | 0.001               | 1 15 35. 9           | 1. 39   | 0. 45     | 329            |
| 4961  |       |     | 56.05                                              |                    |                     | 37. 4                |         |           | 633            |
| 4962  |       | 8.5 | 16 0.15                                            | 3.091              | 0.001               | 0 48 21. 6           | 1. 40   | 0. 45     | 358            |
| 4963  |       |     | 0.27                                               |                    |                     | 19. 8                |         |           | 657            |
| 4964  |       | 9.0 | 16 2.98                                            | 3.075              | 0.001               | 0 8 46. 2            | 1. 40   | 0. 45     | 296            |
| 4965  |       |     | 3.19                                               |                    |                     | 46. 4                |         |           | 739            |
| 4966* |       | 9.0 | 16 33.96                                           | 3.112              | 0.001               | 1 43 20. 1           | 1. 45   | 0. 46     | 32             |
| 4967  |       |     | 34.24                                              |                    |                     | 21. 2                |         |           | 174            |
| 4968  |       |     | 34.73                                              |                    |                     | 22. 5                |         |           | 768            |
| 4969  |       | 7.6 | 17 21.90                                           | 3.100              | 0.001               | 1 12 31. 6           | 1. 52   | 0. 45     | 99             |
| 4970  |       |     | 21.92                                              |                    |                     | 32. 1                |         |           | 571            |
| 4971  |       | 8.6 | 17 37.63                                           | 3.073              | 0.001               | 0 3 51. 5            | 1. 54   | 0. 45     | 246            |
| 4972  |       |     | 37.33                                              |                    |                     | 55. 4                |         |           | 605            |
| 4973  | 6718  | 7.6 | 17 56.41                                           | 3.099              | 0.001               | 1 7 30. 4            | 1. 57   | 0. 45     | 359            |
| 4974  |       |     | 56.33                                              |                    |                     | 28. 5                |         |           | 658            |
| 4975  |       | 8.0 | 18 13.36                                           | 3.117              | 0.001               | 1 56 11. 1           | 1. 59   | 0. 46     | 372            |
| 4976  |       |     | 13.33                                              |                    |                     | 12. 7                |         |           | 485            |
| 4977  |       | 6.5 | 18 28.22                                           | 3.110              | 0.001               | 1 38 42. 5           | 1. 61   | 0. 46     | 330            |
| 4978  |       |     | 27.80                                              |                    |                     | 41. 9                |         |           | 740            |
| 4979  |       | 9.0 | 18 50.06                                           | 3.103              | 0.001               | 1 20 54. 6           | 1. 65   | 0. 45     | 33             |
| 4980  |       |     | 49.84                                              |                    |                     | 52. 7                |         |           | 175            |
| 4981  |       |     | 50.09                                              |                    |                     | 54. 7                |         |           | 634            |
| 4982  |       | 8.5 | 19 33.05                                           | 3.112              | 0.001               | 1 44 57. 8           | 1. 71   | 0. 46     | 100            |
| 4983  |       |     | 33.00                                              |                    |                     | 59. 2                |         |           | 572            |
| 4984  |       | 8.4 | 20 10.95                                           | 3.078              | 0.001               | 0 15 18. 6           | 1. 76   | 0. 45     | 247            |
| 4985  |       |     | 10.70                                              |                    |                     | 23. 2                |         |           | 606            |
| 4986  | 6745  | 8.7 | 20 40.85                                           | 3.108              | 0.001               | 1 32 34. 5           | 1. 81   | 0. 46     | 34             |
| 4987  |       |     | 40.99                                              |                    |                     | 32. 9                |         |           | 176            |
| 4988  |       |     | 41.11                                              |                    |                     | 33. 1                |         |           | 635            |
| 4989  | 6753  | 8.7 | 21 15.90                                           | 3.115              | 0.001               | 1 50 46. 1           | 1. 86   | 0. 46     | 297            |
| 4990  |       |     | 16.11                                              |                    |                     | 46. 7                |         |           | 659            |
| 4991  |       | 8.4 | 21 27.15                                           | 3.100              | 0.001               | 1 10 3. 6            | 1. 87   | 0. 45     | 101            |
| 4992  |       |     | 27.27                                              |                    |                     | 3. 2                 |         |           | 5027           |
| 4993  |       | 8.7 | 18 22 48.42                                        | 3.093              | +0.001              | —0 52 34. 4          | +1. 99  | +0. 45    | 35             |
| 4994  |       |     | 48.68                                              |                    |                     | 31. 9                |         |           | 177            |
| 4995  |       |     | 48.95                                              |                    |                     | 35. 8                |         |           | 573            |

4966. Sehr schwach, beide Coordinaten unsicher.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|--------|-----------|----------------|
| 4996  | 6767  | 8.7 | 18 <sup>h</sup> 23 <sup>m</sup> 3 <sup>s</sup> 01 | 3 <sup>s</sup> 100 | +0 <sup>s</sup> 001 | —1° 13' 10" 3        | +2" 01 | +0" 45    | 248            |
| 4997  |       |     | 3.05                                              |                    |                     | 12. 8                |        |           | 444            |
| 4998  |       |     | 2.93                                              |                    |                     | 13. 2                |        |           | 607            |
| 4999  | 6773  | 8.2 | 23 21.12                                          | 3.116              | 0.001               | 1 53 30. 1           | 2. 04  | 0. 46     | 298            |
| 5000  |       |     | 21.38                                             |                    |                     | 30. 3                |        |           | 636            |
| 5001  |       | 8.7 | 23 60.02                                          | 3.118              | 0.001               | 1 58 6. 1            | 2. 10  | 0. 46     | 102            |
| 5002  |       |     | 59.81                                             |                    |                     | 4. 1                 |        |           | 637            |
| 5003  |       | 8.2 | 24 47.26                                          | 3.085              | 0.001               | 0 31 41. 5           | 2. 16  | 0. 45     | 36             |
| 5004  |       |     | 47.69                                             |                    |                     | 39. 6                |        |           | 178            |
| 5005  |       |     | 47.90                                             |                    |                     | 40. 8                |        |           | 660            |
| 5006  |       | 7.0 | 24 56.28                                          | 3.085              | 0.001               | 0 33 59. 7           | 2. 18  | 0. 45     | 249            |
| 5007  |       |     | 56.29                                             |                    |                     | 64. 7                |        |           | 445            |
| 5008  | 6787  | 7.7 | 24 59.49                                          | 3.111              | 0.001               | 1 43 10. 1           | 2. 18  | 0. 46     | 299            |
| 5009  |       |     | 59.69                                             |                    |                     | 11. 4                |        |           | 574            |
| 5010  | 6788  | 8.3 | 25 0.61                                           | 3.081              | 0.001               | 0 22 10. 6           | 2. 18  | 0. 45     | 360            |
| 5011  |       |     | 0.79                                              |                    |                     | 10. 8                |        |           | 608            |
| 5012  |       | 9.0 | 25 4.47                                           | 3.088              | 0.001               | 0 42 9. 4            | 2. 19  | 0. 45     | 388            |
| 5013* |       |     | 4.32                                              |                    |                     | 13. 2                |        |           | 409            |
| 5014  | 6795  | 6.7 | 25 29.63                                          | 3.097              | 0.001               | 1 5 22. 5            | 2. 23  | 0. 45     | 331            |
| 5015  |       |     | 29.71                                             |                    |                     | 25. 4                |        |           | 662            |
| 5016  |       | 9.0 | 26 30.23                                          | 3.082              | 0.001               | 0 25 12. 5           | 2. 31  | 0. 44     | 103            |
| 5017  |       |     | 30.14                                             |                    |                     | 13. 2                |        |           | 638            |
| 5018  |       | 8.2 | 26 40.02                                          | 3.108              | +0.001              | 1 33 9. 0            | 2. 33  | 0. 44     | 250            |
| 5019  |       |     | 40.33                                             |                    |                     | 11. 9                |        |           | 446            |
| 5020  | 6819  | 8.7 | 27 53.82                                          | 3.090              | 0.000               | 0 46 3. 6            | 2. 44  | 0. 44     | 361            |
| 5021  |       |     | 53.89                                             |                    |                     | 5. 0                 |        |           | 575            |
| 5022  |       | 8.7 | 28 14.23                                          | 3.118              | 0.000               | 2 0 25. 0            | 2. 46  | 0. 45     | 37             |
| 5023  |       |     | 14.66                                             |                    |                     | 21. 6                |        |           | 179            |
| 5024  |       |     | 14.54                                             |                    |                     | 25. 8                |        |           | 609            |
| 5025  |       | 9.0 | 28 16.74                                          | 3.088              | 0.000               | 0 43 11. 5           | 2. 47  | 0. 44     | 389            |
| 5026  |       |     | 17.09                                             |                    |                     | 13. 7                |        |           | 486            |
| 5027  |       | 8.0 | 28 44.11                                          | 3.073              | 0.000               | 0 3 11. 7            | 2. 51  | 0. 44     | 104            |
| 5028  |       |     | 43.94                                             |                    |                     | 14. 2                |        |           | 447            |
| 5029  |       | 8.8 | 29 46.28                                          | 3.106              | 0.000               | 1 26 9. 2            | 2. 60  | 0. 44     | 251            |
| 5030  |       |     | 46.27                                             |                    |                     | 13. 6                |        |           | 610            |
| 5031  | 6852  | 5.5 | 31 10.40                                          | 3.082              | 0.000               | 0 24 47. 4           | 2. 72  | 0. 44     | 38             |
| 5032  |       |     | 10.23                                             |                    |                     | 46. 5                |        |           | 180            |
| 5033  |       |     | 10.58                                             |                    |                     | 47. 6                |        |           | 448            |
| 5034  |       | 8.6 | 31 28.53                                          | 3.116              | 0.000               | 1 55 19. 3           | 2. 75  | 0. 45     | 105            |
| 5035  |       |     | 28.73                                             |                    |                     | 20. 4                |        |           | 639            |
| 5036  |       | 8.2 | 31 30.97                                          | 3.084              | 0.000               | 0 29 25. 1           | 2. 75  | 0. 44     | 373            |
| 5037  |       |     | 31.21                                             |                    |                     | 26. 3                |        |           | 487            |
| 5038  | 6856  | 6.7 | 31 51.81                                          | 3.100              | 0.000               | —1 13 8. 8           | 2. 78  | 0. 44     | 252            |
| 5039  |       |     | 51.66                                             |                    |                     | 8. 9                 |        |           | 576            |
| 5040  |       | 7.9 | 18 32 10.58                                       | 3.072              | 0.000               | +0 0 24. 4           | +2. 81 | +0. 44    | 362            |

5013. Sehr schwach, Decl. unsicher.



| Nro   | Schj. | Gr. | Rectascension<br>1875.                             | Praec.             | Var. sec.          | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------------------|--------------------|----------------------|---------|-----------|----------------|
| 5041  |       |     | 18 <sup>h</sup> 32 <sup>m</sup> 10 <sup>s</sup> 64 |                    |                    | 0° 0' 22" 6          |         |           | 611            |
| 5042  |       | 8.8 | 32 39.63                                           | 3 <sup>s</sup> 100 | 0 <sup>s</sup> 000 | — 1 12 29. 1         | + 2" 85 | + 0" 44   | 363            |
| 5043  |       |     | 39.88                                              |                    |                    | 27. 3                |         |           | 640            |
| 5044* | 6867  | 8.1 | 32 45.65                                           | 3.072              | 0.000              | 0 0 9. 5             | 2. 86   | 0. 44     | 376            |
| 5045  |       |     | 45.51                                              |                    |                    | 11. 6                |         |           | 449            |
| 5046  |       | 8.6 | 33 21.79                                           | 3.105              | 0.000              | 1 24 0. 1            | 2. 91   | 0. 44     | 39             |
| 5047  |       |     | 21.72                                              |                    |                    | 0. 2                 |         |           | 181            |
| 5048  |       |     | 21.97                                              |                    |                    | 0. 7                 |         |           | 662            |
| 5049  | 6879  | 8.8 | 33 56.40                                           | 3.094              | 0.000              | 0 58 1. 4            | 2. 96   | 0. 44     | 106            |
| 5050  |       |     | 56.33                                              |                    |                    | 1. 3                 |         |           | 741            |
| 5051  |       | 8.6 | 34 46.78                                           | 3.117              | 0.000              | 1 56 30. 7           | 3. 03   | 0. 45     | 253            |
| 5052  |       |     | 46.81                                              |                    |                    | 31. 7                |         |           | 450            |
| 5053  |       | 8.6 | 35 40.72                                           | 3.098              | 0.000              | 1 6 15. 7            | 3. 09   | 0. 44     | 40             |
| 5054  |       |     | 40.80                                              |                    |                    | 14. 1                |         |           | 182            |
| 5055  |       |     | 40.75                                              |                    |                    | 18. 3                |         |           | 612            |
| 5056  | 6900  | 8.2 | 36 1.48                                            | 3.105              | 0.000              | 1 25 29. 1           | 3. 14   | 0. 44     | 364            |
| 5057  |       |     | 1.79                                               |                    |                    | 28. 5                |         |           | 641            |
| 5058  | 6910  | 8.7 | 36 46.18                                           | 3.097              | 0.000              | 1 4 19. 5            | 3. 20   | 0. 44     | 254            |
| 5059  |       |     | 46.12                                              |                    |                    | 21. 9                |         |           | 663            |
| 5060  |       | 7.8 | 36 48.67                                           | 3.113              | 0.000              | 1 45 58. 5           | 3. 21   | 0. 45     | 332            |
| 5061  |       |     | 48.81                                              |                    |                    | 61. 4                |         |           | 451            |
| 5062  |       | 7.5 | 37 8.38                                            | 3.110              | 0.000              | 1 40 53. 2           | 3. 24   | 0. 45     | 365            |
| 5063  |       |     | 8.57                                               |                    |                    | 50. 9                |         |           | 577            |
| 5064  |       |     | 8.49                                               |                    |                    | 49. 8                |         |           | 183            |
| 5065  |       | 8.9 | 37 17.97                                           | 3.081              | 0.000              | 0 21 29. 6           | 3. 25   | 0. 44     | 390            |
| 5066  |       |     | 18.32                                              |                    |                    | 32. 3                |         |           | 488            |
| 5067  |       | 8.0 | 37 29.00                                           | 3.080              | 0.000              | 0 20 48. 4           | 3. 26   | 0. 44     | 374            |
| 5068  |       |     | 28.55                                              |                    |                    | 52. 5                |         |           | 613            |
| 5069  |       | 8.2 | 37 43.45                                           | 3.110              | 0.000              | 1 40 39. 7           | 3. 29   | 0. 45     | 41             |
| 5070  |       |     | 43.82                                              |                    |                    | 40. 8                |         |           | 664            |
| 5071  |       | 8.8 | 38 7.00                                            | 3.116              | 0.000              | 1 54 43. 3           | 3. 32   | 0. 45     | 377            |
| 5072  |       |     | 7.44                                               |                    |                    | 46. 2                |         |           | 642            |
| 5073  |       | 7.2 | 38 30.29                                           | 3.084              | 0.000              | 0 29 55. 7           | 3. 35   | 0. 44     | 333            |
| 5074  |       |     | 30.77                                              |                    |                    | 56. 0                |         |           | 769            |
| 5075  | 6930  | 8.8 | 38 48.93                                           | 3.100              | 0.000              | 1 11 42. 9           | 3. 38   | 0. 44     | 401            |
| 5076  |       |     | 48.35                                              |                    |                    | 46. 6                |         |           | 742            |
| 5077  |       | 8.3 | 39 19.74                                           | 3.081              | 0.000              | 0 23 36. 6           | 3. 42   | 0. 44     | 255            |
| 5078  |       |     | 19.81                                              |                    |                    | 37. 5                |         |           | 452            |
| 5079  | 6942  | 9.0 | 39 60.31                                           | 3.090              | 0.000              | 0 48 41. 3           | 3. 48   | 0. 44     | 1374           |
| 5080  |       |     | 60.06                                              |                    |                    | 44. 6                |         |           | 489            |
| 5081  |       |     | 59.87                                              |                    |                    | 40. 6                |         |           | 743            |
| 5082* |       | 6.1 | 40 0.80                                            | 3.097              | 0.000              | 1 5 30. 1            | 3. 48   | 0. 44     | 42             |
| 5083* |       |     | 1.18                                               |                    |                    | 26. 5                |         |           | 184            |
| 5084* |       |     | 1.15                                               |                    |                    | 30. 3                |         |           | 578            |
| 5085  |       | 8.0 | 18 41 19.76                                        | 3.081              | 0.000              | — 0 22 21. 0         | + 3. 60 | + 0. 44   | 256            |

5044. Es folgt ein schwächerer, südlich,  $d = 30''$ . — 5082. Duplex, Struve Cat. gen. N. 2145. —  
 5083. Duplex. — 5084. Duplex, praec. beobachtet.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                              | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|-----------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 5086  |       |     | 18 <sup>h</sup> 41 <sup>m</sup> 19 <sup>s</sup> .65 |        |           | — 0° 22' 21" 0       |        |           | 453            |
| 5087* |       | 8.8 | 41 54.89                                            | 3.085  | 0.000     | 0 32 31.3            | +3"65  | +0"44     | 43             |
| 5088* |       |     | 54.92                                               |        |           | 28.3                 |        |           | 185            |
| 5089  |       |     | 54.66                                               |        |           | —                    |        |           | 375            |
| 5090* |       |     | 55.14                                               |        |           | 32.6                 |        |           | 614            |
| 5091* |       | 9.0 | 42 12.54                                            | 3.076  | 0.000     | 0 10 21.8            | 3.67   | 0.44      | 334            |
| 5092  |       |     | 12.72                                               |        |           | 23.1                 |        |           | 643            |
| 5093  | 6969  | 8.0 | 42 48.02                                            | 3.098  | 0.000     | 1 7 12.9             | 3.72   | 0.44      | 366            |
| 5094  |       |     | 48.43                                               |        |           | 13.3                 |        |           | 665            |
| 5095  |       | 8.3 | 42 54.83                                            | 3.085  | 0.000     | 0 32 1.2             | 3.73   | 0.44      | 391            |
| 5096  |       |     | 54.98                                               |        |           | 7.7                  |        |           | 454            |
| 5097  |       | 8.4 | 42 57.03                                            | 3.075  | 0.000     | 0 8 31.8             | 3.74   | 0.44      | 257            |
| 5098  |       |     | 56.67                                               |        |           | 31.9                 |        |           | 300            |
| 5099  |       |     | 56.75                                               |        |           | —                    |        |           | 378            |
| 5100  |       |     | 56.76                                               |        |           | 33.2                 |        |           | 615            |
| 5101  |       |     | 56.85                                               |        |           | 30.2                 |        |           | 644            |
| 5102* |       | 9.0 | 43 47.60                                            | 3.076  | 0.000     | 0 9 14.9             | 3.81   | 0.44      | 402            |
| 5103  |       |     | 47.01                                               |        |           | 15.7                 |        |           | 744            |
| 5104  | 6982  | 8.6 | 43 56.20                                            | 3.073  | 0.000     | 0 3 46.5             | 3.82   | 0.44      | 1375           |
| 5105  |       |     | 56.45                                               |        |           | 45.9                 |        |           | 770            |
| 5106  |       |     | 56.28                                               |        |           | 44.7                 |        |           | 825            |
| 5107  |       | 8.5 | 44 13.21                                            | 3.084  | 0.000     | 0 30 17.2            | 3.85   | 0.44      | 44             |
| 5108  |       |     | 13.30                                               |        |           | 14.8                 |        |           | 186            |
| 5109  |       |     | 13.30                                               |        |           | 15.7                 |        |           | 666            |
| 5110  |       | 8.9 | 44 23.24                                            | 3.088  | 0.000     | 0 42 4.6             | 3.86   | 0.44      | 1437           |
| 5111  |       |     | 23.09                                               |        |           | 7.1                  |        |           | 843            |
| 5112  |       |     | 23.06                                               |        |           | 6.1                  |        |           | 951            |
| 5113  |       | 9.0 | 44 39.52                                            | 3.077  | 0.000     | 0 12 5.8             | 3.88   | 0.44      | 1005           |
| 5114  |       |     | 39.64                                               |        |           | 3.2                  |        |           | 905            |
| 5115  |       | 8.8 | 44 47.71                                            | 3.089  | 0.000     | 0 45 16.3            | 3.90   | 0.44      | 5147           |
| 5116  |       |     | 47.34                                               |        |           | 14.6                 |        |           | 844            |
| 5117  |       |     | 47.99                                               |        |           | 13.9                 |        |           | 952            |
| 5118  |       | 8.8 | 45 4.53                                             | 3.111  | 0.000     | 1 42 5.6             | 3.92   | 0.45      | 1088           |
| 5119  |       |     | 5.03                                                |        |           | 7.5                  |        |           | 745            |
| 5120  | 6993  | 8.2 | 45 10.41                                            | 3.100  | 0.000     | 1 11 24.1            | 3.93   | 0.44      | 335            |
| 5121  |       |     | 10.63                                               |        |           | 25.2                 |        |           | 455            |
| 5122  |       |     | 11.43                                               | 3.116  | 0.000     | 1 54 21.0            | 3.93   | 0.45      | 616            |
| 5123  |       |     | 11.79                                               |        |           | 19.8                 |        |           | 771            |
| 5124  |       | 8.1 | 45 41.97                                            | 3.081  | 0.000     | 0 22 0.8             | 3.97   | 0.44      | 403            |
| 5125  |       |     | 41.76                                               |        |           | 3.2                  |        |           | 490            |
| 5126  | 7010  | 7.9 | 46 34.99                                            | 3.074  | —0.001    | 0 5 51.3             | 4.05   | 0.44      | 45             |
| 5127  |       |     | 35.05                                               |        |           | 49.6                 |        |           | 187            |
| 5128  |       |     | 35.39                                               |        |           | 49.8                 |        |           | 579            |
| 5129  |       | 8.8 | 18 46 48.94                                         | 3.114  | —0.001    | —1 50 53.1           | +4.07  | +0.45     | 258            |
| 5130  |       |     | 48.61                                               |        |           | 50.8                 |        |           | 645            |

5087. Fäden stimmen schlecht. — 5088. Sehr schwach. — 5090. Fäden stimmen schlecht. — 5091.  
Beide Coordinaten unsicher. — 5102. Fäden stimmen schlecht.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                              | Praec.             | Var. sec.            | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|-----------------------------------------------------|--------------------|----------------------|----------------------|--------|-----------|----------------|
| 5131 |       | 8.7 | 18 <sup>h</sup> 47 <sup>m</sup> 37 <sup>s</sup> .40 | 3 <sup>s</sup> 106 | —0 <sup>s</sup> .001 | —1° 27' 33''1        | +4''14 | +0''44    | 301            |
| 5132 |       |     | 37.65                                               |                    |                      | 35.4                 |        |           | 617            |
| 5133 |       |     | 37.24                                               |                    |                      | 33.0                 |        |           | 746            |
| 5134 |       |     | 37.41                                               |                    |                      | 34.7                 |        |           | 906            |
| 5135 |       | 8.3 | 47 44.93                                            | 3.111              | 0.001                | 1 41 53.1            | 4.15   | 0.45      | 336            |
| 5136 |       |     | 45.00                                               |                    |                      | 55.8                 |        |           | 456            |
| 5137 |       | 8.8 | 47 58.67                                            | 3.100              | 0.001                | 1 12 7.8             | 4.17   | 0.44      | 379            |
| 5138 |       |     | 58.73                                               |                    |                      | 9.0                  |        |           | 667            |
| 5139 |       | 8.9 | 48 7.84                                             | 3.106              | 0.001                | 1 27 3.2             | 4.18   | 0.44      | 392            |
| 5140 |       |     | 7.38                                                |                    |                      | 7.7                  |        |           | 953            |
| 5141 | 7022  | 8.9 | 48 12.50                                            | 3.092              | 0.001                | 0 53 26.4            | 4.19   | 0.44      | 1376           |
| 5142 |       |     | 12.04                                               |                    |                      | 29.2                 |        |           | 646            |
| 5143 |       |     | 12.67                                               |                    |                      | 29.2                 |        |           | 772            |
| 5144 | 7039  | 7.6 | 49 24.47                                            | 3.092              | 0.001                | 0 53 40.6            | 4.29   | 0.44      | 46             |
| 5145 |       |     | 24.72                                               |                    |                      | 38.3                 |        |           | 188            |
| 5146 |       |     | 24.70                                               |                    |                      | 40.7                 |        |           | 580            |
| 5147 | 7042  | 8.8 | 49 43.93                                            | 3.088              | 0.001                | 0 43 37.3            | 4.32   | 0.44      | 259            |
| 5148 |       |     | 43.99                                               |                    |                      | 41.0                 |        |           | 618            |
| 5149 |       | 8.1 | 49 50.69                                            | 3.094              | 0.001                | 0 57 49.5            | 4.33   | 0.44      | 302            |
| 5150 |       |     | 50.96                                               |                    |                      | 52.8                 |        |           | 457            |
| 5151 |       | 6.5 | 49 53.10                                            | 3.117              | 0.001                | 1 57 32.9            | 4.33   | 0.45      | 337            |
| 5152 |       |     | 53.20                                               |                    |                      | 33.1                 |        |           | 668            |
| 5153 |       | 8.1 | 50 27.10                                            | 3.094              | 0.001                | 0 57 4.7             | 4.38   | 0.44      | 367            |
| 5154 |       |     | 27.15                                               |                    |                      | 5.7                  |        |           | 647            |
| 5155 | 7054  | 7.6 | 51 10.36                                            | 3.087              | 0.001                | 0 41 16.6            | 4.44   | 0.44      | 393            |
| 5156 |       |     | 10.29                                               |                    |                      | 20.0                 |        |           | 491            |
| 5157 |       | 9.0 | 51 57.75                                            | 3.076              | 0.001                | 0 10 40.2            | 4.51   | 0.44      | 189            |
| 5158 |       |     | 57.84                                               |                    |                      | 42.2                 |        |           | 619            |
| 5159 |       | 8.6 | 52 3.27                                             | 3.112              | 0.001                | 1 44 48.4            | 4.52   | 0.45      | 260            |
| 5160 |       |     | 3.12                                                |                    |                      | 49.5                 |        |           | 648            |
| 5161 |       | 8.2 | 52 3.82                                             | 3.081              | 0.001                | 0 21 10.3            | 4.52   | 0.44      | 303            |
| 5162 |       |     | 3.76                                                |                    |                      | 10.4                 |        |           | 458            |
| 5163 | 7071  | 8.5 | 52 31.75                                            | 3.087              | 0.001                | 0 40 2.1             | 4.56   | 0.44      | 338            |
| 5164 |       |     | 31.53                                               |                    |                      | 2.5                  |        |           | 669            |
| 5165 |       | 8.5 | 52 49.92                                            | 3.107              | 0.001                | 1 32 8.1             | 4.58   | 0.44      | 380            |
| 5166 |       |     | 49.96                                               |                    |                      | 10.2                 |        |           | 492            |
| 5167 | 7082  | 9.0 | 53 46.71                                            | 3.090              | 0.001                | 0 48 16.7            | 4.66   | 0.43      | 261            |
| 5168 |       |     | 46.71                                               |                    |                      | 19.9                 |        |           | 620            |
| 5169 | 7090  | 8.0 | 54 16.66                                            | 3.082              | 0.001                | 0 23 56.5            | 4.71   | 0.43      | 47             |
| 5170 |       |     | 16.82                                               |                    |                      | 54.3                 |        |           | 190            |
| 5171 |       |     | 16.76                                               |                    |                      | 56.3                 |        |           | 478            |
| 5172 |       | 7.4 | 54 19.36                                            | 3.086              | 0.001                | 0 37 39.8            | 4.71   | 0.43      | 304            |
| 5173 |       |     | 19.54                                               |                    |                      | 40.2                 |        |           | 459            |
| 5174 | 7113  | 8.5 | 18 56 18.13                                         | 3.092              | —0.001               | —0 53 5.7            | +4.88  | +0.43     | 191            |
| 5175 |       |     | 18.09                                               |                    |                      | 5.9                  |        |           | 262            |



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 5176  |       |     | 18 <sup>h</sup> 56 <sup>m</sup> 18 <sup>s</sup> 21 |        |           | —0° 53' 9" 5         |        |           | 621            |
| 5177  |       | 8.5 | 56 19.36                                           | 3.092  | —0.001    | 0 53 25.6            | +4" 88 | +0" 43    | 305            |
| 5178  |       |     | 19.36                                              |        |           | 24.6                 |        |           | 649            |
| 5179  |       | 8.5 | 57 12.38                                           | 3.077  | 0.001     | 0 14 35.3            | 4.95   | 0.43      | 48             |
| 5180* |       |     | 12.64                                              |        |           | 34.8                 |        |           | 339            |
| 5181  |       |     | 12.54                                              |        |           | 36.1                 |        |           | 670            |
| 5182  |       | 8.5 | 57 17.27                                           | 3.103  | 0.001     | 1 22 8.5             | 4.96   | 0.43      | 368            |
| 5183  |       |     | 17.05                                              |        |           | 8.0                  |        |           | 747            |
| 5184  |       | 8.2 | 57 32.45                                           | 3.094  | 0.001     | 0 58 35.2            | 4.98   | 0.43      | 381            |
| 5185  |       |     | 32.97                                              |        |           | 36.8                 |        |           | 773            |
| 5186  |       | 8.2 | 57 48.93                                           | 3.088  | 0.001     | 0 42 38.9            | 5.01   | 0.43      | 394            |
| 5187  |       |     | 48.64                                              |        |           | 41.3                 |        |           | 479            |
| 5188  |       | 8.2 | 57 51.72                                           | 3.083  | 0.001     | 0 28 53.4            | 5.01   | 0.43      | 192            |
| 5189  |       |     | 51.84                                              |        |           | 54.4                 |        |           | 650            |
| 5190  |       |     | 51.64                                              |        |           | 54.5                 |        |           | 671            |
| 5191  |       | 7.1 | 58 48.63                                           | 3.098  | 0.001     | 1 7 16.6             | 5.09   | 0.43      | 404            |
| 5192  |       |     | 48.44                                              |        |           | 20.0                 |        |           | 622            |
| 5193  |       | 6.5 | 58 49.98                                           | 3.110  | 0.001     | 1 41 54.6            | 5.09   | 0.44      | 1377           |
| 5194  |       |     | 50.05                                              |        |           | 56.4                 |        |           | 581            |
| 5195  |       |     | 49.50                                              |        |           | 55.6                 |        |           | 748            |
| 5196  | 7140  | 8.6 | 59 28.24                                           | 3.092  | 0.001     | 0 52 22.8            | 5.15   | 0.43      | 49             |
| 5197  |       |     | 28.36                                              |        |           | 22.6                 |        |           | 369            |
| 5198  |       |     | 28.22                                              |        |           | 22.7                 |        |           | 672            |
| 5199  |       | 8.5 | 59 36.50                                           | 3.096  | 0.001     | 1 1 33.3             | 5.16   | 0.43      | 382            |
| 5200  |       |     | 36.67                                              |        |           | 35.4                 |        |           | 410            |
| 5201  |       | 8.8 | 59 43.49                                           | 3.099  | 0.001     | 1 11 56.7            | 5.17   | 0.43      | 395            |
| 5202* |       |     | 43.39                                              |        |           | 60.4                 |        |           | 493            |
| 5203  | 7143  | 8.2 | 18 59 47.21                                        | 3.101  | 0.001     | 1 18 21.8            | 5.17   | 0.43      | 263            |
| 5204  |       |     | 46.90                                              |        |           | 23.3                 |        |           | 651            |
| 5205  |       | 6.8 | 19 0 6.76                                          | 3.107  | 0.001     | 1 32 6.1             | 5.20   | 0.43      | 193            |
| 5206  |       |     | 6.82                                               |        |           | 9.6                  |        |           | 623            |
| 5207  |       | 8.0 | 0 27.75                                            | 3.115  | 0.001     | 1 55 29.4            | 5.23   | 0.44      | 1006           |
| 5208  |       |     | 27.62                                              |        |           | 28.0                 |        |           | 774            |
| 5209  |       | 7.5 | 0 58.65                                            | 3.102  | 0.001     | 1 19 2.3             | 5.27   | 0.43      | 1284           |
| 5210  |       |     | 58.35                                              |        |           | 1.6                  |        |           | 749            |
| 5211  | 7150  | 8.2 | 1 28.02                                            | 3.105  | 0.001     | 1 28 20.7            | 5.32   | 0.43      | 50             |
| 5212  |       |     | 28.36                                              |        |           | 21.8                 |        |           | 1007           |
| 5213  |       |     | 28.24                                              |        |           | 20.9                 |        |           | 907            |
| 5214  |       | 9.0 | 3 24.82                                            | 3.083  | 0.001     | 0 29 12.6            | 5.48   | 0.43      | 1008           |
| 5215  |       |     | 25.24                                              |        |           | 10.0                 |        |           | 750            |
| 5216  |       | 7.0 | 3 25.79                                            | 3.086  | 0.001     | 0 37 39.6            | 5.48   | 0.43      | 51             |
| 5217  |       |     | 25.80                                              |        |           | 37.8                 |        |           | 1089           |
| 5218  |       |     | 25.80                                              |        |           | 37.8                 |        |           | 775            |
| 5219  | 7174  | 8.7 | 19 3 30.87                                         | 3.089  | —0.001    | —0 45 44.2           | +5.49  | +0.43     | 1285           |
| 5220  |       |     | 30.98                                              |        |           | 43.2                 |        |           | 954            |

5180. Durch Wolken. — 5202. An 8 Fäden.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                             | Praec.              | Var. sec.            | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|----------------------------------------------------|---------------------|----------------------|----------------------|---------|-----------|----------------|
| 5221 |       | 8.5 | 19 <sup>h</sup> 3 <sup>m</sup> 41 <sup>s</sup> .05 | 3 <sup>s</sup> .101 | —0 <sup>s</sup> .001 | —1° 16' 20'' 8       | +5'' 50 | +0'' 43   | 1230           |
| 5222 |       |     | 41.04                                              |                     |                      | 20. 0                |         |           | 908            |
| 5223 |       | 9.0 | 3 42.16                                            | 3.086               | 0.001                | 0 38 24. 5           | 5. 50   | 0. 43     | 1338           |
| 5224 |       |     | 42.17                                              |                     |                      | 24. 2                |         |           | 955            |
| 5225 |       | 8.5 | 4 8.22                                             | 3.092               | 0.001                | 0 53 49. 3           | 5. 54   | 0. 43     | 1209           |
| 5226 |       |     | 8.31                                               |                     |                      | 47. 8                |         |           | 826            |
| 5227 |       | 8.9 | 5 10.63                                            | 3.079               | 0.002                | 0 16 29. 4           | 5. 63   | 0. 43     | 1090           |
| 5228 |       |     | 10.43                                              |                     |                      | 31. 6                |         |           | 776            |
| 5229 | 7198  | 8.6 | 5 53.70                                            | 3.074               | 0.002                | 0 5 46. 1            | 5. 69   | 0. 42     | 52             |
| 5230 |       |     | 53.87                                              |                     |                      | 46. 9                |         |           | 1286           |
| 5231 |       |     | 53.33                                              |                     |                      | 43. 9                |         |           | 751            |
| 5232 |       | 8.3 | 7 31.29                                            | 3.075               | 0.002                | 0 6 28. 3            | 5. 82   | 0. 42     | 1009           |
| 5233 |       |     | 31.16                                              |                     |                      | 25. 0                |         |           | 845            |
| 5234 |       | 8.1 | 7 34.40                                            | 3.074               | 0.002                | 0 5 8. 6             | 5. 83   | 0. 42     | 1091           |
| 5235 |       |     | 34.44                                              |                     |                      | 9. 2                 |         |           | 777            |
| 5236 |       | 7.4 | 7 50.24                                            | 3.102               | 0.002                | 1 21 10. 0           | 5. 85   | 0. 42     | 1231           |
| 5237 |       |     | 50.17                                              |                     |                      | 8. 5                 |         |           | 909            |
| 5238 |       | 9.0 | 8 6.21                                             | 3.106               | 0.002                | 1 30 58. 1           | 5. 87   | 0. 42     | 53             |
| 5239 |       |     | 6.45                                               |                     |                      | 56. 7                |         |           | 396            |
| 5240 |       |     | 6.78                                               |                     |                      | 57. 7                |         |           | 411            |
| 5241 | 7237  | 8.9 | 9 25.99                                            | 3.116               | 0.002                | 1 56 58. 3           | 5. 98   | 0. 43     | 1010           |
| 5242 |       |     | 25.46                                              |                     |                      | 53. 6                |         |           | 752            |
| 5243 |       | 9.0 | 10 57.34                                           | 3.097               | 0.002                | 1 6 17. 1            | 6. 11   | 0. 42     | 54             |
| 5244 |       |     | 57.72                                              |                     |                      | 17. 5                |         |           | 1092           |
| 5245 |       |     | 57.51                                              |                     |                      | 16. 3                |         |           | 846            |
| 5246 |       | 8.8 | 11 6.43                                            | 3.104               | 0.002                | 1 24 7. 3            | 6. 12   | 0. 42     | 1011           |
| 5247 |       |     | 6.13                                               |                     |                      | 3. 4                 |         |           | 753            |
| 5248 |       | 8.9 | 11 24.32                                           | 3.079               | 0.002                | 0 16 47. 9           | 6. 15   | 0. 42     | 1232           |
| 5249 |       |     | 24.31                                              |                     |                      | 47. 1                |         |           | 778            |
| 5250 |       | 7.5 | 11 29.98                                           | 3.098               | 0.002                | 1 9 57. 8            | 6. 16   | 0. 42     | 1189           |
| 5251 |       |     | 29.92                                              |                     |                      | 56. 1                |         |           | 827            |
| 5252 |       | 7.5 | 11 34.91                                           | 3.099               | 0.002                | 1 13 53. 6           | 6. 16   | 0. 42     | 1287           |
| 5253 |       |     | 35.14                                              |                     |                      | 55. 4                |         |           | 910            |
| 5254 | 7261  | 8.3 | 12 15.04                                           | 3.112               | 0.002                | 1 48 12. 4           | 6. 22   | 0. 43     | 1093           |
| 5255 |       |     | 14.86                                              |                     |                      | 12. 4                |         |           | 754            |
| 5256 |       | 8.7 | 13 17.28                                           | 3.079               | 0.002                | 0 16 41. 5           | 6. 30   | 0. 42     | 55             |
| 5257 |       |     | 17.68                                              |                     |                      | 39. 9                |         |           | 1012           |
| 5258 |       |     | 17.60                                              |                     |                      | 40. 3                |         |           | 847            |
| 5259 |       | 8.7 | 13 36.29                                           | 3.113               | 0.002                | 1 49 31. 7           | 6. 33   | 0. 43     | 1233           |
| 5260 |       |     | 36.07                                              |                     |                      | 31. 6                |         |           | 911            |
| 5261 |       | 8.9 | 13 37.96                                           | 3.097               | 0.002                | 1 5 51. 4            | 6. 33   | 0. 42     | 1288           |
| 5262 |       |     | 38.07                                              |                     |                      | 50. 9                |         |           | 779            |
| 5263 |       | 8.6 | 13 54.77                                           | 3.103               | 0.002                | 1 23 17. 5           | 6. 36   | 0. 42     | 1094           |
| 5264 |       |     | 54.81                                              |                     |                      | 20. 0                |         |           | 956            |
| 5265 |       | 9.0 | 19 13 56.01                                        | 3.090               | —0.002               | —0 46 51. 6          | +6. 36  | +0. 42    | 1339           |



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec.             | Var. sec.           | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------------------|---------------------|----------------------|--------|-----------|----------------|
| 5266  |       |     | 19 <sup>h</sup> 13 <sup>m</sup> 56 <sup>s</sup> 13 |                    |                     | —0° 46' 53" 1        |        |           | 1526           |
| 5267  |       | 7.0 | 13 58.34                                           | 3 <sup>s</sup> 106 | —0 <sup>s</sup> 002 | 1 32 29.3            | +6" 36 | +0" 42    | 1438           |
| 5268  |       |     | 58.19                                              |                    |                     | 30.2                 |        |           | 912            |
| 5269  | 7279  | 5.3 | 14 8.55                                            | 3.097              | 0.002               | 1 7 21.6             | 6.37   | 0.42      | 1210           |
| 5270  |       |     | 8.85                                               |                    |                     | 22.8                 |        |           | 1624           |
| 5271  |       | 8.8 | 14 20.83                                           | 3.115              | 0.002               | 1 57 14.6            | 6.39   | 0.43      | 1013           |
| 5272  |       |     | 20.34                                              |                    |                     | 12.1                 |        |           | 755            |
| 5273  |       | 7.2 | 14 39.02                                           | 3.103              | 0.002               | 1 24 30.3            | 6.41   | 0.42      | 1190           |
| 5274  |       |     | 38.90                                              |                    |                     | 30.7                 |        |           | 848            |
| 5275  |       | 9.0 | 14 60.13                                           | 3.075              | 0.002               | 0 8 39.1             | 6.45   | 0.42      | 1234           |
| 5276  |       |     | 59.69                                              |                    |                     | 38.3                 |        |           | 957            |
| 5277  |       | 9.0 | 15 4.63                                            | 3.077              | 0.002               | 0 11 3.7             | 6.45   | 0.42      | 1719           |
| 5278  |       |     | 4.46                                               |                    |                     | 2.6                  |        |           | 780            |
| 5279  |       | 9.0 | 15 35.00                                           | 3.106              | 0.002               | 1 28 39.2            | 6.49   | 0.42      | 56             |
| 5280  |       |     | 35.36                                              |                    |                     | 36.0                 |        |           | 1289           |
| 5281  |       |     | 35.39                                              |                    |                     | 36.3                 |        |           | 1527           |
| 5282  | 7296  | 5.0 | 15 55.76                                           | 3.083              | 0.002               | 0 29 16.1            | 6.52   | 0.42      | 1014           |
| 5283  |       |     | 55.94                                              |                    |                     | 13.5                 |        |           | 1625           |
| 5284  | 7299  | 8.7 | 16 14.74                                           | 3.083              | 0.002               | 0 31 20.4            | 6.55   | 0.42      | 1191           |
| 5285  |       |     | 14.25                                              |                    |                     | 17.8                 |        |           | 756            |
| 5286  |       | 8.8 | 17 2.84                                            | 3.108              | 0.002               | 1 36 17.1            | 6.62   | 0.42      | 1095           |
| 5287  |       |     | 2.86                                               |                    |                     | 17.8                 |        |           | 781            |
| 5288  |       | 8.2 | 17 5.57                                            | 3.090              | 0.002               | 0 46 47.2            | 6.62   | 0.42      | 1235           |
| 5289  |       |     | 5.45                                               |                    |                     | 46.1                 |        |           | 913            |
| 5290  |       | 8.8 | 18 40.89                                           | 3.108              | 0.002               | 1 36 32.2            | 6.75   | 0.42      | 1015           |
| 5291  |       |     | 40.52                                              |                    |                     | 28.9                 |        |           | 757            |
| 5292  |       | 9.0 | 18 42.50                                           | 3.097              | 0.002               | 1 6 19.7             | 6.75   | 0.42      | 1192           |
| 5293  |       |     | 42.64                                              |                    |                     | 20.6                 |        |           | 782            |
| 5294  |       | 8.5 | 19 7.47                                            | 3.076              | 0.002               | 0 10 50.4            | 6.79   | 0.42      | 1290           |
| 5295  |       |     | 7.42                                               |                    |                     | 48.8                 |        |           | 849            |
| 5296  |       | 8.9 | 19 32.81                                           | 3.092              | 0.002               | 0 54 48.9            | 6.82   | 0.42      | 1340           |
| 5297  |       |     | 32.91                                              |                    |                     | 48.6                 |        |           | 958            |
| 5298* |       | 9.5 | 19 43.53                                           | 3.092              | 0.002               | 0 54 44.9            | 6.84   | 0.42      | 914            |
| 5299  | 7323  | 8.6 | 19 52.81                                           | 3.080              | 0.002               | 0 20 46.1            | 6.85   | 0.42      | 1096           |
| 5300  |       |     | 52.54                                              |                    |                     | 47.2                 |        |           | 758            |
| 5301  |       | 8.7 | 20 12.55                                           | 3.096              | 0.002               | 1 4 51.1             | 6.88   | 0.42      | 1016           |
| 5302  |       |     | 12.75                                              |                    |                     | 49.2                 |        |           | 1193           |
| 5303  |       |     | 12.45                                              |                    |                     | 50.2                 |        |           | 1528           |
| 5304  |       | 9.0 | 20 25.72                                           | 3.089              | 0.002               | 0 47 17.7            | 6.89   | 0.42      | 1236           |
| 5305  |       |     | 25.87                                              |                    |                     | 14.8                 |        |           | 1582           |
| 5306  |       | 8.8 | 20 27.70                                           | 3.073              | 0.002               | 0 2 60.2             | 6.90   | 0.42      | 1291           |
| 5307  |       |     | 27.82                                              |                    |                     | 58.7                 |        |           | 783            |
| 5308  |       | 8.2 | 20 31.22                                           | 3.098              | 0.002               | 1 9 18.4             | 6.90   | 0.42      | 1211           |
| 5309  |       |     | 31.11                                              |                    |                     | 19.2                 |        |           | 1618           |
| 5310  |       | 9.0 | 19 21 7.54                                         | 3.084              | —0.002              | —0 34 20.8           | +6.95  | +0.42     | 1439           |

5298. B. D. —0° Nr. 3740.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 5311 |       |     | 19 <sup>h</sup> 21 <sup>m</sup> 7 <sup>s</sup> .70 |        |           | —0° 34' 22".4        |        |           | 759            |
| 5312 |       | 8.9 | 21 8.45                                            | 3.095  | —0.002    | 1 1 35.9             | +6".95 | +0".42    | 1378           |
| 5313 |       |     | 8.42                                               |        |           | 37.5                 |        |           | 850            |
| 5314 |       | 8.9 | 21 24.15                                           | 3.088  | 0.002     | 0 42 1.6             | 6.97   | 0.42      | 1292           |
| 5315 |       |     | 23.85                                              |        |           | 1.2                  |        |           | 959            |
| 5316 |       | 8.8 | 21 26.97                                           | 3.080  | 0.002     | 0 20 14.0            | 6.98   | 0.42      | 1496           |
| 5317 |       |     | 26.97                                              |        |           | 10.4                 |        |           | 1529           |
| 5318 |       |     | 27.08                                              |        |           | 9.7                  |        |           | 1743           |
| 5319 |       | 8.3 | 21 34.46                                           | 3.107  | 0.002     | 1 35 24.4            | 6.99   | 0.42      | 1097           |
| 5320 |       |     | 34.37                                              |        |           | 24.2                 |        |           | 1691           |
| 5321 |       | 8.3 | 21 39.36                                           | 3.101  | 0.002     | 1 20 36.9            | 7.00   | 0.42      | 1237           |
| 5322 |       |     | 39.14                                              |        |           | 35.5                 |        |           | 1747           |
| 5323 |       | 9.0 | 21 39.35                                           | 3.089  | 0.002     | 0 47 27.5            | 7.00   | 0.42      | 1194           |
| 5324 |       |     | 39.51                                              |        |           | 26.7                 |        |           | 1626           |
| 5325 |       | 8.2 | 21 40.06                                           | 3.087  | 0.002     | 0 40 19.6            | 7.00   | 0.42      | 1341           |
| 5326 |       |     | 40.05                                              |        |           | 20.1                 |        |           | 960            |
| 5327 |       | 8.4 | 21 55.02                                           | 3.082  | 0.002     | 0 26 24.6            | 7.02   | 0.42      | 1379           |
| 5328 |       |     | 54.98                                              |        |           | 24.4                 |        |           | 1619           |
| 5329 |       | 8.7 | 22 7.09                                            | 3.089  | 0.002     | 0 46 21.0            | 7.03   | 0.42      | 1497           |
| 5330 |       |     | 7.14                                               |        |           | 19.7                 |        |           | 1692           |
| 5331 |       | 9.0 | 22 15.88                                           | 3.091  | 0.002     | 0 52 18.0            | 7.04   | 0.42      | 1720           |
| 5332 |       |     | 16.42                                              |        |           | 18.6                 |        |           | 1627           |
| 5333 | 7355  | 8.0 | 22 50.59                                           | 3.108  | 0.002     | 1 38 15.3            | 7.09   | 0.42      | 1017           |
| 5334 |       |     | 50.38                                              |        |           | 12.4                 |        |           | 760            |
| 5335 | 7356  | 6.9 | 22 53.88                                           | 3.072  | 0.002     | 0 0 34.3             | 7.10   | 0.42      | 1238           |
| 5336 |       |     | 54.16                                              |        |           | 31.5                 |        |           | 1530           |
| 5337 |       | 8.8 | 23 8.76                                            | 3.080  | 0.002     | 0 22 56.4            | 7.12   | 0.42      | 1195           |
| 5338 |       |     | 8.47                                               |        |           | 57.6                 |        |           | 851            |
| 5339 |       | 7.2 | 23 38.90                                           | 3.087  | 0.002     | 0 42 9.8             | 7.16   | 0.42      | 1293           |
| 5340 |       |     | 38.96                                              |        |           | 8.3                  |        |           | 784            |
| 5341 | 7366  | 9.0 | 23 42.30                                           | 3.080  | 0.002     | 0 24 37.1            | 7.16   | 0.42      | 1342           |
| 5342 |       |     | 42.27                                              |        |           | 35.1                 |        |           | 828            |
| 5343 |       | 9.0 | 24 45.75                                           | 3.098  | 0.002     | 1 11 49.7            | 7.17   | 0.42      | 1018           |
| 5344 |       |     | 45.87                                              |        |           | 45.4                 |        |           | 915            |
| 5345 | 7387  | 8.9 | 25 0.29                                            | 3.074  | 0.002     | 0 5 44.0             | 7.19   | 0.42      | 1380           |
| 5346 |       |     | 0.09                                               |        |           | 50.0                 |        |           | 494            |
| 5347 |       | 8.5 | 25 1.73                                            | 3.096  | 0.002     | 1 5 45.7             | 7.27   | 0.42      | 1294           |
| 5348 |       |     | 1.78                                               |        |           | 43.6                 |        |           | 961            |
| 5349 | 7393  | 8.8 | 25 15.25                                           | 3.105  | 0.002     | 1 33 6.3             | 7.29   | 0.42      | 1440           |
| 5350 |       |     | 15.29                                              |        |           | 5.3                  |        |           | 1531           |
| 5351 |       | 8.7 | 25 47.44                                           | 3.109  | 0.003     | 1 41 56.5            | 7.33   | 0.41      | 1098           |
| 5352 |       |     | 47.01                                              |        |           | 57.1                 |        |           | 761            |
| 5353 |       | 9.0 | 26 16.54                                           | 3.093  | 0.003     | 0 56 56.2            | 7.37   | 0.41      | 1196           |
| 5354 |       |     | 16.37                                              |        |           | 57.5                 |        |           | 852            |
| 5355 |       | 8.3 | 19 26 30.87                                        | 3.100  | —0.003    | —1 16 10.5           | +7.40  | +0.41     | 1019           |



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 5356  |       |     | 19 <sup>h</sup> 26 <sup>m</sup> 31 <sup>s</sup> 00 |        |           | —1° 16' 9" 8         |        |           | 785            |
| 5357  |       | 8.4 | 26 45.95                                           | 3.096  | —0.003    | 1 5 57.8             | +7" 41 | +0" 41    | 1099           |
| 5358  |       |     | 45.71                                              |        |           | 57.0                 |        |           | 916            |
| 5359  |       | 8.5 | 27 9.78                                            | 3.084  | 0.003     | 0 33 3.6             | 7.44   | 0.41      | 1295           |
| 5360  |       |     | 9.40                                               |        |           | 3.4                  |        |           | 762            |
| 5361  | 7426  | 8.7 | 28 1.39                                            | 3.086  | 0.003     | 0 37 36.8            | 7.51   | 0.41      | 1197           |
| 5362  |       |     | 1.32                                               |        |           | 38.8                 |        |           | 786            |
| 5363  | 7427  | 8.9 | 28 1.83                                            | 3.109  | 0.003     | 1 44 47.3            | 7.51   | 0.41      | 1020           |
| 5364  |       |     | 1.73                                               |        |           | 46.2                 |        |           | 829            |
| 5365  |       | 8.9 | 28 51.24                                           | 3.110  | 0.003     | 1 45 32.3            | 7.58   | 0.42      | 1100           |
| 5366  |       |     | 51.17                                              |        |           | 32.7                 |        |           | 853            |
| 5367  |       | 9.0 | 29 10.52                                           | 3.114  | 0.003     | 1 56 35.8            | 7.61   | 0.42      | 1296           |
| 5368  |       |     | 10.29                                              |        |           | 34.2                 |        |           | 917            |
| 5369  | 7447  | 9.0 | 29 20.51                                           | 3.083  | 0.003     | 0 30 8.4             | 7.62   | 0.41      | 1239           |
| 5370  |       |     | 20.30                                              |        |           | 7.4                  |        |           | 962            |
| 5371  |       | 8.0 | 29 36.43                                           | 3.076  | 0.003     | 0 10 8.0             | 7.64   | 0.41      | 1343           |
| 5372  |       |     | 36.26                                              |        |           | 9.8                  |        |           | 495            |
| 5373  |       | 7.2 | 29 37.16                                           | 3.073  | 0.003     | 0 1 27.2             | 7.64   | 0.41      | 1198           |
| 5374  |       |     | 36.94                                              |        |           | 26.9                 |        |           | 787            |
| 5375* |       | 4.2 | 30 15.19                                           | 3.105  | 0.003     | 1 33 45.6            | 7.70   | 0.41      | 1021           |
| 5376  |       |     | 15.27                                              |        |           | 41.8                 |        |           | 1532           |
| 5377  | 7462  | 8.7 | 30 24.71                                           | 3.087  | 0.003     | 0 41 19.3            | 7.71   | 0.41      | 1381           |
| 5378  |       |     | 24.48                                              |        |           | 21.1                 |        |           | 854            |
| 5379  |       | 8.7 | 30 30.45                                           | 3.076  | 0.003     | 0 9 4.9              | 7.72   | 0.41      | 1297           |
| 5380  |       |     | 30.13                                              |        |           | 3.0                  |        |           | 918            |
| 5381  |       |     | 30.57                                              |        |           | 3.9                  |        |           | 963            |
| 5382  |       |     | 30.37                                              |        |           | 4.5                  |        |           | 1620           |
| 5383  |       | 8.9 | 30 36.50                                           | 3.075  | 0.003     | 0 8 19.0             | 7.72   | 0.41      | 1344           |
| 5384  |       |     | 36.47                                              |        |           | 17.9                 |        |           | 1693           |
| 5385  |       | 7.8 | 30 51.28                                           | 3.089  | 0.003     | 0 46 12.4            | 7.74   | 0.41      | 1101           |
| 5386  |       |     | 50.99                                              |        |           | 11.5                 |        |           | 763            |
| 5387  |       | 8.8 | 30 51.65                                           | 3.074  | 0.003     | 0 5 41.6             | 7.74   | 0.41      | 1441           |
| 5388  |       |     | 51.67                                              |        |           | 41.3                 |        |           | 1533           |
| 5389  | 7468  | 9.0 | 30 59.84                                           | 3.114  | 0.003     | 1 55 36.1            | 7.76   | 0.42      | 1498           |
| 5390  |       |     | 60.30                                              |        |           | 33.8                 |        |           | 1628           |
| 5391  |       | 8.7 | 31 6.41                                            | 3.100  | 0.003     | 1 18 45.1            | 7.76   | 0.41      | 1442           |
| 5392  |       |     | 6.51                                               |        |           | 44.1                 |        |           | 1694           |
| 5393  |       | 7.2 | 31 8.53                                            | 3.081  | 0.003     | 0 24 31.3            | 7.77   | 0.41      | 1199           |
| 5394  |       |     | 8.49                                               |        |           | 29.8                 |        |           | 1583           |
| 5395  |       | 8.9 | 31 12.68                                           | 3.091  | 0.003     | 0 52 41.6            | 7.77   | 0.41      | 1721           |
| 5396  |       |     | 12.88                                              |        |           | 39.6                 |        |           | 1744           |
| 5397  |       | 8.9 | 31 16.57                                           | 3.095  | 0.003     | 1 2 15.2             | 7.78   | 0.41      | 1382           |
| 5398  |       |     | 16.74                                              |        |           | 17.1                 |        |           | 1629           |
| 5399  | 7480  | 7.6 | 19 31 47.07                                        | 3.089  | —0.003    | —0 46 11.9           | +7.82  | +0.41     | 1102           |
| 5400  |       |     | 47.02                                              |        |           | 10.1                 |        |           | 1621           |

5375. Fäden stimmen nicht besonders gut.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                              | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|-----------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 5401  |       | 8.3 | 19 <sup>h</sup> 31 <sup>m</sup> 56 <sup>s</sup> .93 | 3.098  | —0.003    | —1° 12' 13" 3        | +7"83  | +0"41     | 1345           |
| 5402  |       |     | 56.86                                               |        |           | 13. 5                |        |           | 964            |
| 5403  |       | 8.7 | 32 10.13                                            | 3.093  | 0.003     | 0 56 28. 1           | 7. 85  | 0. 41     | 1383           |
| 5404  |       |     | 10.27                                               |        |           | 30. 0                |        |           | 830            |
| 5405  |       | 8.3 | 32 54.68                                            | 3.110  | 0.003     | 1 45 7. 0            | 7. 92  | 0. 41     | 1240           |
| 5406  |       |     | 54.64                                               |        |           | 5. 8                 |        |           | 855            |
| 5407  | 7508  | 8.2 | 33 37.71                                            | 3.085  | 0.003     | 0 36 7. 3            | 7. 97  | 0. 41     | 1200           |
| 5408  |       |     | 37.53                                               |        |           | 5. 9                 |        |           | 788            |
| 5409  |       | 8.7 | 34 1.92                                             | 3.084  | 0.003     | 0 31 15. 8           | 8. 00  | 0. 41     | 1298           |
| 5410  |       |     | 1.94                                                |        |           | 16. 3                |        |           | 919            |
| 5411  |       | 5.8 | 34 16.85                                            | 3.092  | 0.003     | 0 54 34. 3           | 8. 02  | 0. 41     | 1212           |
| 5412  |       |     | 16.86                                               |        |           | 32. 9                |        |           | 965            |
| 5413  |       | 9.0 | 34 40.29                                            | 3.083  | 0.003     | 0 31 15. 9           | 8. 05  | 0. 41     | 1346           |
| 5414* |       |     | 40.24                                               |        |           | 20. 3                |        |           | 856            |
| 5415  |       |     | 40.11                                               |        |           | 17. 4                |        |           | 920            |
| 5416  | 7565  | 8.6 | 37 17.93                                            | 3.078  | 0.003     | 0 16 54. 7           | 8. 26  | 0. 40     | 1022           |
| 5417  |       |     | 17.75                                               |        |           | 55. 4                |        |           | 496            |
| 5418  |       | 8.3 | 38 38.71                                            | 3.108  | 0.003     | 1 39 42. 2           | 8. 37  | 0. 40     | 1103           |
| 5419  |       |     | 38.77                                               |        |           | 44. 1                |        |           | 673            |
| 5420  |       | 8.6 | 38 44.66                                            | 3.104  | 0.003     | 1 27 44. 9           | 8. 38  | 0. 40     | 1201           |
| 5421  |       |     | 44.66                                               |        |           | 48. 4                |        |           | 789            |
| 5422  |       | 8.8 | 38 45.52                                            | 3.094  | 0.003     | 0 58 29. 3           | 8. 38  | 0. 40     | 1241           |
| 5423  |       |     | 45.64                                               |        |           | 29. 6                |        |           | 505            |
| 5424  |       | 8.0 | 38 53.95                                            | 3.111  | 0.003     | 1 47 55. 8           | 8. 39  | 0. 40     | 1384           |
| 5425  |       |     | 53.82                                               |        |           | 56. 1                |        |           | 831            |
| 5426  |       | 8.3 | 39 1.48                                             | 3.082  | 0.003     | 0 26 44. 9           | 8. 40  | 0. 40     | 1347           |
| 5427  |       |     | 1.51                                                |        |           | 44. 6                |        |           | 921            |
| 5428  |       | 8.9 | 39 7.13                                             | 3.094  | 0.003     | 0 59 54. 5           | 8. 41  | 0. 40     | 1299           |
| 5429  |       |     | 7.34                                                |        |           | 54. 2                |        |           | 857            |
| 5430  |       | 7.9 | 39 14.59                                            | 3.094  | 0.003     | 0 59 46. 0           | 8. 41  | 0. 40     | 1023           |
| 5431  |       |     | 14.27                                               |        |           | 44. 8                |        |           | 858            |
| 5432  | 7587  | 7.7 | 40 6.98                                             | 3.108  | 0.003     | 1 40 46. 7           | 8. 48  | 0. 40     | 1202           |
| 5433  |       |     | 6.95                                                |        |           | 49. 7                |        |           | 790            |
| 5434  | 7602  | 8.1 | 41 25.48                                            | 3.080  | 0.003     | 0 22 10. 6           | 8. 59  | 0. 40     | 1024           |
| 5435  |       |     | 25.30                                               |        |           | 13. 5                |        |           | 674            |
| 5436  |       | 8.6 | 41 27.88                                            | 3.088  | 0.003     | 0 44 52. 8           | 8. 59  | 0. 40     | 1104           |
| 5437  |       |     | 27.56                                               |        |           | 54. 0                |        |           | 497            |
| 5438  |       | 9.0 | 42 35.77                                            | 3.114  | 0.003     | 1 57 59. 4           | 8. 68  | 0. 41     | 1242           |
| 5439  |       |     | 35.96                                               |        |           | 59. 3                |        |           | 791            |
| 5440  | 7619  | 8.7 | 43 6.09                                             | 3.103  | 0.003     | 1 24 44. 9           | 8. 72  | 0. 40     | 1105           |
| 5441  |       |     | 5.77                                                |        |           | 42. 5                |        |           | 832            |
| 5442  | 7620  | 8.8 | 43 9.49                                             | 3.111  | 0.003     | 1 51 52. 0           | 8. 72  | 0. 40     | 1025           |
| 5443  |       |     | 9.04                                                |        |           | 49. 5                |        |           | 675            |
| 5444* |       | 9.3 | 44 8.63                                             | 3.093  | 0.003     | 0 59 4. 1            | 8. 80  | 0. 40     | 792            |
| 5445  |       | 9.0 | 19 45 6.33                                          | 3.092  | —0.003    | —0 57 17. 1          | +8. 88 | +0. 40    | 1026           |

5414. An 3 nicht gut übereinstimmenden Fäden. — 5444. B. D. — 1°. N. 3848.



| Nro   | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec. | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|--------|-----------|----------------|
| 5446  |       |     | 19 <sup>h</sup> 45 <sup>m</sup> 6 <sup>s</sup> 31 |        |           | —0° 57' 15" 8        |        |           | 859            |
| 5447  |       | 9.0 | 45 25.20                                          | 3.090  | —0.003    | 0 49 48.8            | +8" 90 | +0" 39    | 1106           |
| 5448  |       |     | 25.10                                             |        |           | 48.8                 |        |           | 922            |
| 5449  |       | 8.9 | 45 51.16                                          | 3.091  | 0.003     | 0 55 3.2             | 8.94   | 9.39      | 1385           |
| 5450  |       |     | 51.17                                             |        |           | 7.6                  |        |           | 676            |
| 5451  |       | 8.9 | 45 52.66                                          | 3.105  | 0.003     | 1 35 27.5            | 8.94   | 0.39      | 1243           |
| 5452  |       |     | 52.46                                             |        |           | 24.9                 |        |           | 966            |
| 5453  | 7649  | 8.9 | 45 58.07                                          | 3.093  | 0.003     | —1 0 26.2            | 8.95   | 0.39      | 1300           |
| 5454  |       |     | 58.37                                             |        |           | 24.6                 |        |           | 1534           |
| 5455  |       | 8.3 | 46 46.27                                          | 3.072  | 0.003     | +0 0 12.4            | 9.01   | 0.39      | 1027           |
| 5456  |       |     | 46.09                                             |        |           | 16.4                 |        |           | 833            |
| 5457  |       | 9.0 | 46 57.75                                          | 3.089  | 0.003     | —0 47 30.2           | 9.02   | 0.39      | 1107           |
| 5458  |       |     | 57.59                                             |        |           | 29.7                 |        |           | 860            |
| 5459  |       | 8.6 | 48 13.71                                          | 3.095  | 0.003     | 1 5 44.9             | 9.12   | 0.39      | 1301           |
| 5460  |       |     | 13.85                                             |        |           | 45.1                 |        |           | 677            |
| 5461  | 7671  | 6.0 | 48 20.64                                          | 3.073  | 0.003     | 0 3 2.7              | 9.13   | 0.39      | 1386           |
| 5462  |       |     | 20.52                                             |        |           | 5.3                  |        |           | 923            |
| 5463* |       | 9.2 | 48 33.84                                          | 3.098  | 0.003     | 1 14 27.5            | 9.15   | 0.39      | 1108           |
| 5464  | 7675  | 8.5 | 48 44.64                                          | 3.097  | 0.003     | 1 10 8.6             | 9.16   | 0.39      | 793            |
| 5465  |       |     | 45.08                                             |        |           | 6.0                  |        |           | 5736           |
| 5466  |       | 8.5 | 48 47.84                                          | 3.088  | 0.003     | —0 45 37.7           | 9.17   | 0.39      | 1387           |
| 5467  |       |     | 47.68                                             |        |           | 39.5                 |        |           | 861            |
| 5468  |       | 8.8 | 48 56.97                                          | 3.072  | 0.003     | +0 0 24.6            | 9.18   | 0.39      | 1348           |
| 5469  |       |     | 56.93                                             |        |           | 25.8                 |        |           | 967            |
| 5470  |       | 8.7 | 50 29.05                                          | 3.104  | 0.003     | —1 32 18.3           | 9.30   | 0.39      | 1109           |
| 5471  |       |     | 29.00                                             |        |           | 18.1                 |        |           | 794            |
| 5472  |       | 8.2 | 50 34.30                                          | 3.100  | 0.003     | —1 19 6.3            | 9.30   | 0.39      | 1203           |
| 5473  |       |     | 34.06                                             |        |           | 9.4                  |        |           | 678            |
| 5474  | 7700  | 7.0 | 50 49.08                                          | 3.072  | 0.003     | +0 1 13.9            | 9.32   | 0.39      | 1213           |
| 5475  |       |     | 49.37                                             |        |           | 12.3                 |        |           | 834            |
| 5476  |       | 9.0 | 51 30.66                                          | 3.077  | 0.003     | —0 11 36.0           | 9.38   | 0.39      | 1302           |
| 5477  |       |     | 30.44                                             |        |           | 34.9                 |        |           | 862            |
| 5478  |       | 9.0 | 52 29.36                                          | 3.076  | 0.003     | 0 9 54.4             | 9.45   | 0.39      | 1110           |
| 5479  |       |     | 29.58                                             |        |           | 54.8                 |        |           | 795            |
| 5480  |       | 9.0 | 53 14.71                                          | 3.109  | 0.003     | 1 46 8.3             | 9.51   | 0.39      | 1204           |
| 5481  |       |     | 14.32                                             |        |           | 8.7                  |        |           | 863            |
| 5482  |       | 8.8 | 53 14.60                                          | 3.100  | 0.003     | 1 21 46.9            | 9.51   | 0.39      | 1303           |
| 5483  |       |     | 14.66                                             |        |           | 46.7                 |        |           | 679            |
| 5484  | 7738  | 9.0 | 54 29.94                                          | 3.100  | 0.003     | 1 21 25.9            | 9.61   | 0.39      | 1111           |
| 5485  |       |     | 30.05                                             |        |           | 24.5                 |        |           | 506            |
| 5486  |       | 7.5 | 55 13.92                                          | 3.084  | 0.003     | 0 32 33.4            | 9.66   | 0.39      | 1205           |
| 5487  |       |     | 13.79                                             |        |           | 34.8                 |        |           | 796            |
| 5488  |       | 9.0 | 55 59.16                                          | 3.097  | 0.003     | 1 11 20.5            | 9.72   | 0.39      | 1206           |
| 5489  |       |     | 58.98                                             |        |           | 20.7                 |        |           | 835            |
| 5490  |       | 8.7 | 19 56 18.83                                       | 3.092  | —0.003    | —0 57 11.5           | +9.75  | +0.39     | 1112           |

5463. B. D. — 1° N. 3856.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                             | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|----------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 5491 |       |     | 19 <sup>h</sup> 56 <sup>m</sup> 18 <sup>s</sup> 61 |                    |                     | —0° 57' 10" 8        |         |           | 680            |
| 5492 | 7769  | 8.0 | 57 2.16                                            | 3 <sup>s</sup> 077 | —0 <sup>s</sup> 004 | 0 15 33. 1           | +9" 80  | +0" 39    | 1244           |
| 5493 |       |     | 2.04                                               |                    |                     | 32. 0                |         |           | 864            |
| 5494 | 7780  | 6.5 | 57 56.65                                           | 3.094              | 0.004               | 1 3 21. 6            | 9. 87   | 0. 39     | 1207           |
| 5495 |       |     | 56.71                                              |                    |                     | 21. 6                |         |           | 797            |
| 5496 | 7783  | 8.8 | 19 58 7.52                                         | 3.106              | 0.004               | 1 40 1. 0            | 9. 88   | 0. 39     | 1304           |
| 5497 |       |     | 7.69                                               |                    |                     | 3. 1                 |         |           | 865            |
| 5498 | 7809  | 8.5 | 20 0 25.57                                         | 3.083              | 0.004               | 0 29 22. 6           | 10. 06  | 0. 39     | 1113           |
| 5499 |       |     | 25.43                                              |                    |                     | 22. 8                |         |           | 798            |
| 5500 | 7812  | 8.5 | 0 41.41                                            | 3.097              | 0.004               | 1 13 45. 9           | 10. 08  | 0. 39     | 1208           |
| 5501 |       |     | 41.38                                              |                    |                     | 50. 3                |         |           | 681            |
| 5502 |       | 8.5 | 0 56.24                                            | 3.085              | 0.004               | 0 38 60. 4           | 10. 10  | 0. 39     | 1305           |
| 5503 |       |     | 56.20                                              |                    |                     | 57. 5                |         |           | 836            |
| 5504 |       | 8.9 | 1 17.27                                            | 3.075              | 0.004               | 0 6 27. 0            | 10. 12  | 0. 39     | 1443           |
| 5505 |       |     | 17.21                                              |                    |                     | 21. 6                |         |           | 866            |
| 5506 |       | 7.0 | 1 34.37                                            | 3.093              | 0.004               | 1 2 10. 1            | 10. 15  | 0. 39     | 1114           |
| 5507 |       |     | 34.42                                              |                    |                     | 12. 4                |         |           | 924            |
| 5508 |       | 8.2 | 1 59.11                                            | 3.086              | 0.004               | 0 39 35. 2           | 10. 18  | 0. 39     | 1306           |
| 5509 |       |     | 59.15                                              |                    |                     | 35. 2                |         |           | 682            |
| 5510 |       | 9.0 | 2 1.89                                             | 3.098              | 0.004               | 1 18 45. 0           | 10. 18  | 0. 39     | 1499           |
| 5511 |       |     | 2.04                                               |                    |                     | 43. 9                |         |           | 968            |
| 5512 | 7831  | 7.6 | 2 25.77                                            | 3.083              | 0.004               | 0 31 3. 2            | 10. 21  | 0. 39     | 1722           |
| 5513 |       |     | 25.86                                              |                    |                     | 2. 1                 |         |           | 799            |
| 5514 | 7836  | 7.8 | 2 55.55                                            | 3.105              | 0.004               | 1 38 18. 6           | 10. 25  | 0. 38     | 1444           |
| 5515 |       |     | 55.12                                              |                    |                     | 19. 1                |         |           | 867            |
| 5516 | 7838  | 9.0 | 2 56.66                                            | 3.099              | 0.004               | 1 20 22. 6           | 10. 25  | 0. 38     | 1349           |
| 5517 |       |     | 56.72                                              |                    |                     | 24. 4                |         |           | 507            |
| 5518 |       | 8.7 | 3 32.89                                            | 3.073              | 0.004               | 0 4 26. 9            | 10. 28  | 0. 38     | 1115           |
| 5519 |       |     | 32.72                                              |                    |                     | 26. 6                |         |           | 925            |
| 5520 |       | 8.3 | 4 1.70                                             | 3.084              | 0.004               | 0 33 17. 7           | 10. 33  | 0. 38     | 1307           |
| 5521 |       |     | 1.81                                               |                    |                     | 16. 7                |         |           | 683            |
| 5522 |       | 8.7 | 4 26.64                                            | 3.102              | 0.004               | 1 28 9. 7            | 10. 36  | 0. 38     | 1445           |
| 5523 |       |     | 26.53                                              |                    |                     | 9. 6                 |         |           | 837            |
| 5524 |       | 3.3 | 4 51.10                                            | 3.096              | 0.004               | 1 11 27. 0           | 10. 39  | 0. 38     | 1214           |
| 5525 |       |     | 51.00                                              |                    |                     | 28. 3                |         |           | 926            |
| 5526 |       | 8.5 | 4 51.94                                            | 3.083              | 0.004               | 0 30 33. 9           | 10. 39  | 0. 38     | 1804           |
| 5527 |       |     | 51.96                                              |                    |                     | 30. 8                |         |           | 800            |
| 5528 |       | 9.0 | 4 52.75                                            | 3.077              | 0.004               | 0 15 21. 8           | 10. 39  | 0. 38     | 1723           |
| 5529 |       |     | 52.58                                              |                    |                     | 22. 2                |         |           | 969            |
| 5530 |       | 8.2 | 4 53.64                                            | 3.082              | 0.004               | 0 29 43. 1           | 10. 40  | 0. 38     | 1867           |
| 5531 |       |     | 53.64                                              |                    |                     | 43. 6                |         |           | 1535           |
| 5532 | 7868  | 8.8 | 5 15.24                                            | 3.080              | 0.004               | 0 24 24. 9           | 10. 42  | 0. 38     | 1308           |
| 5533 |       |     | 14.90                                              |                    |                     | 22. 7                |         |           | 868            |
| 5534 |       | 8.4 | 20 5 24.65                                         | 3.076              | —0.004              | —0 11 26. 6          | +10. 43 | +0. 38    | 1350           |
| 5535 |       |     | 24.90                                              |                    |                     | 28. 7                |         |           | 498            |



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|----------|-----------|----------------|
| 5536  | 7880  | 7.6 | 20 <sup>h</sup> 6 <sup>m</sup> 39 <sup>s</sup> 01 | 3 <sup>s</sup> 086 | —0 <sup>s</sup> 004 | —0° 42' 16'' 2       | +10'' 53 | +0'' 38   | 1446           |
| 5537  |       |     | —                                                 |                    |                     | 17. 7                |          |           | 684            |
| 5538  |       |     | 39.01                                             |                    |                     | 16. 6                |          |           | 5737           |
| 5539  | 7886  | 6.7 | 6 46.42                                           | 3.100              | 0.004               | 1 22 56. 6           | 10. 54   | 0. 38     | 1245           |
| 5540  |       |     | 46.44                                             |                    |                     | 58. 0                |          |           | 1622           |
| 5541  |       | 8.3 | 7 1.97                                            | 3.104              | 0.004               | 1 35 2. 9            | 10. 56   | 0. 38     | 1116           |
| 5542  |       |     | 2.14                                              |                    |                     | 4. 0                 |          |           | 1536           |
| 5543  |       | 8.8 | 7 25.62                                           | 3.084              | 0.004               | 0 33 20. 6           | 10. 58   | 0. 38     | 1351           |
| 5544* |       |     | 25.77                                             |                    |                     | 24. 6                |          |           | 801            |
| 5545  |       | 9.0 | 7 28.60                                           | 3.093              | 0.004               | 1 2 47. 7            | 10. 59   | 0. 38     | 1500           |
| 5546  |       |     | 28.18                                             |                    |                     | 46. 6                |          |           | 869            |
| 5547  |       |     | 28.74                                             |                    |                     | 48. 1                |          |           | 5738           |
| 5548  |       | 8.3 | 7 33.55                                           | 3.097              | 0.004               | 1 15 8. 0            | 10. 59   | 0. 38     | 1388           |
| 5549  |       |     | 33.54                                             |                    |                     | 9. 5                 |          |           | 1695           |
| 5550  | 7897  | 9.0 | 7 37.68                                           | 3.112              | 0.005               | 1 59 30. 3           | 10. 60   | 0. 38     | 1724           |
| 5551  |       |     | 37.84                                             |                    |                     | 29. 4                |          |           | 1630           |
| 5552  |       | 8.3 | 7 55.53                                           | 3.077              | 0.004               | 0 13 61. 6           | 10. 62   | 0. 38     | 1805           |
| 5553  |       |     | 55.36                                             |                    |                     | 57. 8                |          |           | 970            |
| 5554  |       | 9.0 | 8 3.97                                            | 3.103              | 0.004               | 1 34 44. 0           | 10. 63   | 0. 37     | 1868           |
| 5555  |       |     | 3.80                                              |                    |                     | 43. 2                |          |           | 927            |
| 5556  |       | 9.0 | 8 6.24                                            | 3.106              | 0.004               | 1 41 26. 4           | 10. 63   | 0. 37     | 1983           |
| 5557  |       |     | 6.29                                              |                    |                     | 26. 8                |          |           | 1631           |
| 5558  |       | 8.5 | 8 24.02                                           | 3.103              | 0.004               | 1 31 11. 5           | 10. 66   | 0. 37     | 1309           |
| 5559  |       |     | 24.26                                             |                    |                     | 13. 8                |          |           | 1806           |
| 5560  |       |     | 24.09                                             |                    |                     | 10. 3                |          |           | 685            |
| 5561* |       | 9.0 | 9 11.46                                           | 3.094              | 0.004               | 1 5 42. 6            | 10. 72   | 0. 37     | 1501           |
| 5562  |       |     | 11.51                                             |                    |                     | 44. 4                |          |           | 508            |
| 5563  |       | 8.5 | 9 13.37                                           | 3.075              | 0.004               | 0 7 21. 0            | 10. 72   | 0. 37     | 1117           |
| 5564  |       |     | 13.23                                             |                    |                     | 21. 5                |          |           | 802            |
| 5565  | 7919  | 8.2 | 9 57.54                                           | 3.109              | 0.005               | 1 52 49. 2           | 10. 77   | 0. 37     | 1352           |
| 5566  |       |     | 57.61                                             |                    |                     | 52. 3                |          |           | 499            |
| 5567  | 7922  | 8.5 | 10 7.67                                           | 3.110              | 0.005               | 1 57 20. 3           | 10. 78   | 0. 37     | 1447           |
| 5568  |       |     | 7.49                                              |                    |                     | 16. 4                |          |           | 536            |
| 5569  |       | 7.8 | 10 30.46                                          | 3.104              | 0.004               | 1 35 43. 7           | 10. 81   | 0. 37     | 1807           |
| 5570  |       |     | 30.39                                             |                    |                     | 40. 5                |          |           | 686            |
| 5571  | 7928  | 9.0 | 10 33.01                                          | 3.080              | 0.004               | 0 25 2. 8            | 10. 82   | 0. 37     | 1389           |
| 5572  |       |     | 32.69                                             |                    |                     | 4. 2                 |          |           | 870            |
| 5573  |       |     | 32.80                                             |                    |                     | 5. 4                 |          |           | 5739           |
| 5574  |       | 8.8 | 10 40.35                                          | 3.091              | 0.004               | 0 56 15. 0           | 10. 82   | 0. 37     | 1725           |
| 5575  |       |     | 40.72                                             |                    |                     | 15. 9                |          |           | 928            |
| 5576  |       | 8.7 | 10 48.68                                          | 3.073              | 0.004               | 0 1 42. 6            | 10. 83   | 0. 37     | 1448           |
| 5577  |       |     | 48.50                                             |                    |                     | 41. 0                |          |           | 971            |
| 5578  |       | 8.9 | 11 35.96                                          | 3.082              | 0.004               | 0 29 39. 4           | 10. 89   | 0. 37     | 1246           |
| 5579  |       |     | 36.09                                             |                    |                     | 38. 5                |          |           | 803            |
| 5580* |       | 9.5 | 20 11 50.20                                       | 3.095              | —0.004              | —1 11 3. 5           | +10. 91  | +0. 37    | 838            |

5544. Sehr schwach. — 5561. Sehr schwach. — 5580. B. D. — 1° N. 3944.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                              | Praec.              | Var. sec.            | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|-----------------------------------------------------|---------------------|----------------------|----------------------|----------|-----------|----------------|
| 5581 | 7948  | 9.0 | 20 <sup>h</sup> 12 <sup>m</sup> 21 <sup>s</sup> .03 | 3 <sup>s</sup> .094 | —0 <sup>s</sup> .004 | —1° 8' 38'' 8        | +10'' 95 | +0'' 37   | 1118           |
| 5582 |       |     | 20.97                                               |                     |                      | 39. 3                |          |           | 871            |
| 5583 |       | 9.0 | 12 29.40                                            | 3.106               | 0.004                | 1 43 36. 4           | 10. 96   | 0. 37     | 1353           |
| 5584 |       |     | 29.39                                               |                     |                      | 39. 6                |          |           | 929            |
| 5585 |       | 6.5 | 13 15.45                                            | 3.101               | 0.004                | 1 28 13. 5           | 11. 01   | 0. 37     | 1215           |
| 5586 | 7961  |     | 15.41                                               |                     |                      | 11. 9                |          |           | 1623           |
| 5587 |       | 7.5 | 13 20.63                                            | 3.097               | 0.004                | 1 17 50. 0           | 11. 02   | 0. 37     | 1310           |
| 5588 |       |     | 20.87                                               |                     |                      | 51. 4                |          |           | 687            |
| 5589 |       | 9.0 | 13 22.21                                            | 3.085               | 0.004                | 0 40 49. 4           | 11. 02   | 0. 37     | 1390           |
| 5590 |       |     | 22.16                                               |                     |                      | 52. 0                |          |           | 972            |
| 5591 | 7962  | 8.1 | 13 23.83                                            | 3.105               | 0.004                | 1 41 28. 4           | 11. 02   | 0. 37     | 1449           |
| 5592 |       |     | 23.94                                               |                     |                      | 28. 6                |          |           | 1584           |
| 5593 |       | 7.8 | 13 26.27                                            | 3.093               | 0.004                | 1 2 9. 6             | 11. 03   | 0. 37     | 1354           |
| 5594 |       |     | 26.53                                               |                     |                      | 13. 0                |          |           | 1632           |
| 5595 |       | 8.4 | 13 35.92                                            | 3.091               | 0.004                | —0 57 2. 0           | 11. 04   | 0. 37     | 1502           |
| 5596 | 7987  |     | 36.32                                               |                     |                      | 0. 8                 |          |           | 930            |
| 5597 |       | 9.0 | 13 48.26                                            | 3.072               | 0.004                | +0 0 49. 4           | 11. 05   | 0. 37     | 1726           |
| 5598 |       |     | 48.26                                               |                     |                      | 50. 9                |          |           | 804            |
| 5599 |       | 8.8 | 14 25.63                                            | 3.108               | 0.005                | —1 50 58. 3          | 11. 10   | 0. 37     | 1119           |
| 5600 |       |     | 25.66                                               |                     |                      | 60. 1                |          |           | 509            |
| 5601 | 7987  | 8.1 | 14 32.68                                            | 3.078               | 0.004                | 0 17 58. 5           | 11. 11   | 0. 37     | 1247           |
| 5602 |       |     | 32.60                                               |                     |                      | 58. 2                |          |           | 872            |
| 5603 |       | 8.6 | 15 31.98                                            | 3.086               | 0.004                | 0 41 26. 1           | 11. 18   | 0. 37     | 1311           |
| 5604 |       |     | 31.75                                               |                     |                      | 24. 1                |          |           | 537            |
| 5605 |       | 9.0 | 15 45.60                                            | 3.097               | 0.004                | 1 17 51. 1           | 11. 20   | 0. 36     | 1355           |
| 5606 | 8003  |     | 45.52                                               |                     |                      | 54. 9                |          |           | 931            |
| 5607 |       | 8.6 | 15 46.81                                            | 3.084               | 0.004                | 0 35 48. 8           | 11. 20   | 0. 36     | 1391           |
| 5608 |       |     | 46.57                                               |                     |                      | 50. 5                |          |           | 688            |
| 5609 |       | 8.7 | 16 19.97                                            | 3.076               | 0.004                | 0 9 29. 4            | 11. 24   | 0. 36     | 1120           |
| 5610 |       |     | 19.91                                               |                     |                      | 30. 1                |          |           | 805            |
| 5611 | 8003  | 9.0 | 16 40.94                                            | 3.073               | 0.004                | 0 2 8. 9             | 11. 26   | 0. 36     | 1503           |
| 5612 |       |     | 41.02                                               |                     |                      | 9. 0                 |          |           | 973            |
| 5613 |       | 7.3 | 16 53.32                                            | 3.089               | 0.004                | 0 51 7. 1            | 11. 28   | 0. 36     | 1216           |
| 5614 |       |     | 53.49                                               |                     |                      | 4. 6                 |          |           | 1696           |
| 5615 |       | 8.3 | 17 11.74                                            | 3.101               | 0.004                | 1 28 8. 2            | 11. 30   | 0. 36     | 1356           |
| 5616 | 8003  |     | 12.01                                               |                     |                      | 12. 6                |          |           | 1748           |
| 5617 |       | 9.0 | 17 15.93                                            | 3.092               | 0.004                | 0 59 37. 2           | 11. 31   | 0. 36     | 1392           |
| 5618 |       |     | 16.20                                               |                     |                      | 38. 6                |          |           | 1633           |
| 5619 |       | 8.0 | 17 42.73                                            | 3.091               | 0.004                | 0 58 8. 1            | 11. 34   | 0. 36     | 1808           |
| 5620 |       |     | 42.65                                               |                     |                      | 7. 0                 |          |           | 689            |
| 5621 | 8003  | 9.0 | 17 44.47                                            | 3.100               | 0.004                | 1 26 5. 4            | 11. 34   | 0. 36     | 1450           |
| 5622 |       |     | 44.34                                               |                     |                      | 3. 4                 |          |           | 873            |
| 5623 |       | 9.0 | 17 51.06                                            | 3.095               | 0.004                | 1 12 35. 5           | 11. 35   | 0. 36     | 1727           |
| 5624 |       |     | 51.05                                               |                     |                      | 34. 6                |          |           | 1634           |
| 5625 |       | 9.0 | 20 18 3.45                                          | 3.099               | —0.004               | —1 24 27. 4          | +11. 36  | +0. 36    | 1869           |



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.            | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|----------------------|----------------------|----------|-----------|----------------|
| 5626  |       |     | 20 <sup>h</sup> 18 <sup>m</sup> 3 <sup>s</sup> 32 |                    |                      | — 1° 24' 25" 5       |          |           | 1697           |
| 5627* |       | 8.5 | 18 9.57                                           | 3 <sup>s</sup> 087 | — 0 <sup>s</sup> 004 | 0 46 64. 5           | + 11" 37 | + 0" 36   | 1451           |
| 5628  |       |     | 9.56                                              |                    |                      | 58. 1                |          |           | 932            |
| 5629  | 8014  | 7.9 | 18 13.26                                          | 3.109              | 0.005                | 1 56 41. 2           | 11. 37   | 0. 36     | 1809           |
| 5630  |       |     | 13.29                                             |                    |                      | 39. 8                |          |           | 974            |
| 5631  | 8022  | 8.6 | 18 48.09                                          | 3.086              | 0.004                | 0 41 2. 2            | 11. 42   | 0. 36     | 1121           |
| 5632  |       |     | 47.99                                             |                    |                      | 3. 2                 |          |           | 806            |
| 5633  |       | 8.6 | 18 54.43                                          | 3.076              | 0.004                | 0 11 39. 9           | 11. 42   | 0. 36     | 1357           |
| 5634  |       |     | 54.30                                             |                    |                      | 41. 6                |          |           | 839            |
| 5635  |       | 8.8 | 19 35.52                                          | 3.093              | 0.004                | 1 5 18. 4            | 11. 47   | 0. 36     | 1248           |
| 5636  |       |     | 35.30                                             |                    |                      | 13. 7                |          |           | 538            |
| 5637  |       | 8.8 | 20 49.67                                          | 3.079              | 0.004                | 0 22 28. 5           | 11. 56   | 0. 36     | 1312           |
| 5638  |       |     | 49.47                                             |                    |                      | 29. 1                |          |           | 874            |
| 5639  |       | 9.0 | 20 49.24                                          | 3.081              | 0.004                | 0 28 20. 7           | 11. 56   | 0. 36     | 1358           |
| 5640  |       |     | 49.26                                             |                    |                      | 23. 2                |          |           | 933            |
| 5641  | 8050  | 7.7 | 20 57.16                                          | 3.109              | 0.005                | 1 57 57. 1           | 11. 57   | 0. 36     | 1122           |
| 5642  |       |     | 57.25                                             |                    |                      | 58. 3                |          |           | 690            |
| 5643  |       | 8.7 | 21 7.12                                           | 3.079              | 0.004                | 0 20 4. 9            | 11. 58   | 0. 36     | 1393           |
| 5644  |       |     | 6.83                                              |                    |                      | 5. 7                 |          |           | 807            |
| 5645  |       | 8.5 | 21 34.93                                          | 3.083              | 0.004                | 0 33 44. 0           | 11. 62   | 0. 36     | 1217           |
| 5646  |       |     | 35.16                                             |                    |                      | 44. 3                |          |           | 975            |
| 5647  | 8064  | 9.0 | 21 59.03                                          | 3.091              | 0.004                | — 0 56 39. 5         | 11. 64   | 0. 36     | 1452           |
| 5648  |       |     | 59.17                                             |                    |                      | 38. 8                |          |           | 1635           |
| 5649  |       | 9.0 | 22 5.99                                           | 3.072              | 0.004                | + 0 2 47. 8          | 11. 65   | 0. 36     | 1870           |
| 5650  |       |     | 5.96                                              |                    |                      | 48. 2                |          |           | 934            |
| 5651  |       | 8.8 | 22 18.54                                          | 3.082              | 0.004                | — 0 31 32. 9         | 11. 67   | 0. 36     | 1504           |
| 5652  |       |     | 18.63                                             |                    |                      | 35. 0                |          |           | 691            |
| 5653  |       | 7.8 | 22 28.77                                          | 3.096              | 0.004                | 1 14 44. 9           | 11. 68   | 0. 36     | 1313           |
| 5654  |       |     | 28.79                                             |                    |                      | 44. 3                |          |           | 875            |
| 5655* |       | 9.0 | 22 52.75                                          | 3.102              | 0.004                | 1 33 60. 4           | 11. 71   | 0. 36     | 1728           |
| 5656* |       |     | 52.89                                             |                    |                      | 58. 2                |          |           | 1636           |
| 5657* |       |     | —                                                 |                    |                      | 57. 1                |          |           | 5740           |
| 5658  |       | 9.0 | 23 27.73                                          | 3.085              | 0.004                | 0 42 12. 2           | 11. 75   | 0. 36     | 1505           |
| 5659  |       |     | 27.56                                             |                    |                      | 11. 5                |          |           | 808            |
| 5660  |       | 8.3 | 23 47.38                                          | 3.102              | 0.004                | 1 35 22. 0           | 11. 77   | 0. 36     | 1123           |
| 5661  |       |     | 47.24                                             |                    |                      | 20. 1                |          |           | 840            |
| 5662  |       | 9.0 | 24 14.13                                          | 3.081              | 0.004                | 0 28 18. 1           | 11. 80   | 0. 36     | 1453           |
| 5663  |       |     | 14.08                                             |                    |                      | 16. 4                |          |           | 1698           |
| 5664  | 8094  | 8.8 | 24 25.37                                          | 3.089              | 0.004                | 0 52 31. 8           | 11. 82   | 0. 36     | 1359           |
| 5665  |       |     | 25.23                                             |                    |                      | 34. 5                |          |           | 976            |
| 5666  |       | 8.5 | 24 28.63                                          | 3.108              | 0.005                | 1 53 49. 8           | 11. 82   | 0. 36     | 1314           |
| 5667  |       |     | 28.37                                             |                    |                      | 49. 2                |          |           | 692            |
| 5668  |       | 8.6 | 20 24 30.52                                       | 3.075              | — 0.004              | — 0 7 40. 1          | + 11. 82 | + 0. 36   | 1871           |
| 5669  |       |     | 30.50                                             |                    |                      | 40. 4                |          |           | 1745           |
| 5670  |       |     | 30.50                                             |                    |                      | 39. 9                |          |           | 1749           |

5627. Fäden stimmen schlecht. — 5655. Der südlichere von 2 Sternen, beide 9<sup>m</sup>2; d = 14". — 5656. Decl. unsicher. — 5657. Zu schwach für die Beobachtung in AR. 2\* im Meridian, d = 20", südlicheren beobachtet.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                              | Praec. | Var. sec. | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|-----------------------------------------------------|--------|-----------|----------------------|----------|-----------|----------------|
| 5671  | 8106  | 9.0 | 20 <sup>h</sup> 24 <sup>m</sup> 40 <sup>s</sup> .71 | 3.088  | —0.004    | —0° 50' 28'' 6       | +11'' 84 | +0'' 36   | 1729           |
| 5672  |       |     | 40.58                                               |        |           | 27. 0                |          |           | 935            |
| 5673  |       | 9.0 | 25 22.40                                            | 3.086  | 0.004     | 0 43 40. 7           | 11. 89   | 0. 35     | 1249           |
| 5674  |       |     | 22.72                                               |        |           | 37. 9                |          |           | 1699           |
| 5675  |       | 7.7 | 25 29.56                                            | 3.083  | 0.004     | 0 34 32. 4           | 11. 89   | 0. 35     | 1124           |
| 5676  |       |     | 29.78                                               |        |           | 32. 8                |          |           | 1746           |
| 5677  |       |     | 29.81                                               |        |           | 33. 4                |          |           | 1750           |
| 5678  |       | 9.0 | 25 42.76                                            | 3.084  | 0.004     | 0 38 38. 1           | 11. 91   | 0. 35     | 1454           |
| 5679  |       |     | 42.95                                               |        |           | 34. 2                |          |           | 1637           |
| 5680  |       | 8.2 | 26 12.75                                            | 3.108  | 0.005     | 1 53 1. 4            | 11. 94   | 0. 35     | 1315           |
| 5681  |       |     | 12.55                                               |        |           | 2. 2                 |          |           | 500            |
| 5682  |       | 9.0 | 26 29.17                                            | 3.101  | 0.004     | 1 31 55. 9           | 11. 96   | 0. 35     | 1394           |
| 5683  |       |     | 29.19                                               |        |           | 55. 6                |          |           | 841            |
| 5684  |       | 8.5 | 26 38.60                                            | 3.082  | 0.004     | 0 32 23. 7           | 11. 97   | 0. 35     | 1360           |
| 5685  |       |     | 38.53                                               |        |           | 25. 7                |          |           | 809            |
| 5686  |       | 9.0 | 26 51.10                                            | 3.095  | 0.004     | 1 13 33. 6           | 11. 99   | 0. 35     | 1730           |
| 5687  |       |     | 51.11                                               |        |           | 33. 0                |          |           | 977            |
| 5688  |       | 8.5 | 26 53.78                                            | 3.072  | 0.004     | 0 1 40. 2            | 11. 99   | 0. 35     | 1506           |
| 5689  |       |     | 53.96                                               |        |           | 39. 7                |          |           | 876            |
| 5690  |       | 8.0 | 27 56.96                                            | 3.090  | 0.004     | 0 54 19. 9           | 12. 07   | 0. 35     | 1125           |
| 5691  |       |     | 57.05                                               |        |           | 18. 5                |          |           | 539            |
| 5692  |       | 8.0 | 28 7.72                                             | 3.093  | 0.004     | 1 6 5. 5             | 12. 08   | 0. 35     | 1361           |
| 5693  |       |     | 7.72                                                |        |           | 8. 3                 |          |           | 693            |
| 5694  |       | 9.0 | 28 15.52                                            | 3.101  | 0.004     | 1 33 36. 0           | 12. 09   | 0. 35     | 1395           |
| 5695  |       |     | 15.70                                               |        |           | 37. 4                |          |           | 1638           |
| 5696  |       | 9.0 | 28 18.60                                            | 3.090  | 0.004     | 0 56 13. 8           | 12. 09   | 0. 35     | 1455           |
| 5697  |       |     | 18.35                                               |        |           | 10. 4                |          |           | 877            |
| 5698  |       | 7.6 | 29 21.79                                            | 3.080  | 0.004     | 0 25 49. 5           | 12. 16   | 0. 35     | 1218           |
| 5699  |       |     | 21.95                                               |        |           | 48. 7                |          |           | 978            |
| 5700  |       | 8.8 | 29 36.14                                            | 3.108  | 0.005     | 1 56 22. 3           | 12. 18   | 0. 35     | 1126           |
| 5701  | 8162  |     | 36.24                                               |        |           | 21. 6                |          |           | 810            |
| 5702  |       | 8.9 | 29 55.45                                            | 3.090  | 0.004     | 0 56 28. 1           | 12. 20   | 0. 35     | 1456           |
| 5703* |       |     | 55.25                                               |        |           | 28. 0                |          |           | 694            |
| 5704  |       | 8.5 | 30 9.38                                             | 3.075  | 0.004     | 0 8 30. 3            | 12. 22   | 0. 35     | 1316           |
| 5705  |       |     | 9.38                                                |        |           | 31. 1                |          |           | 501            |
| 5706  |       | 9.0 | 30 18.24                                            | 3.108  | 0.005     | 1 54 59. 9           | 12. 23   | 0. 35     | 1250           |
| 5707  |       |     | 18.72                                               |        |           | 59. 2                |          |           | 1585           |
| 5708  |       | 8.8 | 30 41.75                                            | 3.090  | 0.004     | 0 57 3. 6            | 12. 26   | 0. 35     | 1731           |
| 5709  |       |     | 41.53                                               |        |           | 3. 8                 |          |           | 936            |
| 5710  |       | 7.8 | 30 43.17                                            | 3.104  | 0.005     | 1 44 40. 4           | 12. 26   |           | 1362           |
| 5711  | 8181  |     | 43.01                                               |        |           | 42. 9                |          |           | 842            |
| 5712  |       | 6.6 | 30 53.77                                            | 3.079  | 0.004     | 0 20 10. 4           | 12. 27   | 0. 35     | 1219           |
| 5713  |       |     | 53.69                                               |        |           | 10. 1                |          |           | 878            |
| 5714  |       | 4.7 | 20 31 52.94                                         | 3.100  | —0.004    | —1 32 26. 2          | +12. 34  | +0. 35    | 1127           |
| 5715  |       |     | 52.85                                               |        |           | 24. 7                |          |           | 811            |

5703. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|----------|-----------|----------------|
| 5716* |       | 9.0 | 20 <sup>h</sup> 32 <sup>m</sup> 2 <sup>s</sup> 22 | 3 <sup>s</sup> 105 | —0 <sup>s</sup> 005 | —1° 48' 16'' 1       | +12'' 35 | +0'' 35   | 1396           |
| 5717  |       |     | 2.06                                              |                    |                     | 18. 0                |          |           | 937            |
| 5718  |       | 8.8 | 32 11.71                                          | 3.082              | 0.004               | 0 31 1. 6            | 12. 36   | 0. 35     | 1363           |
| 5719* |       |     | 11.73                                             |                    |                     | 6. 0                 |          |           | 695            |
| 5720  |       | 8.8 | 32 40.75                                          | 3.086              | 0.004               | 0 47 19. 0           | 12. 39   | 0. 35     | 1507           |
| 5721  |       |     | 40.88                                             |                    |                     | 16. 4                |          |           | 979            |
| 5722  |       | 9.0 | 32 51.08                                          | 3.079              | 0.004               | —0 19 52. 2          | 12. 41   | 0. 35     | 1457           |
| 5723  |       |     | 50.94                                             |                    |                     | 47. 0                |          |           | 1537           |
| 5724  |       | 5.4 | 33 0.46                                           | 3.071              | 0.004               | +0 2 53. 4           | 12. 42   | 0. 35     | 1128           |
| 5725  |       |     | 0.19                                              |                    |                     | 53. 7                |          |           | 879            |
| 5726  |       | 8.8 | 34 28.47                                          | 3.091              | 0.004               | —1 2 15. 2           | 12. 52   | 0. 34     | 1364           |
| 5727  |       |     | 28.14                                             |                    |                     | 19. 0                |          |           | 812            |
| 5728  | 8216  | 8.7 | 34 43.80                                          | 3.100              | 0.005               | 1 31 21. 9           | 12. 53   | 0. 34     | 1129           |
| 5729  |       |     | —                                                 |                    |                     | 22. 2                |          |           | 696            |
| 5730  |       |     | 43.93                                             |                    |                     | 21. 6                |          |           | 5741           |
| 5731  |       | 8.3 | 35 8.01                                           | 3.080              | 0.004               | 0 27 16. 1           | 12. 56   | 0. 34     | 1458           |
| 5732  |       |     | 7.42                                              |                    |                     | 13. 5                |          |           | 540            |
| 5733  |       | 9.0 | 35 10.79                                          | 3.075              | 0.004               | 0 10 9. 4            | 12. 57   | 0. 34     | 1251           |
| 5734* |       |     | 10.94                                             |                    |                     | 4. 4                 |          |           | 980            |
| 5735  |       | 9.0 | 35 11.89                                          | 3.074              | 0.004               | 0 6 28. 5            | 12. 57   | 0. 34     | 1397           |
| 5736* |       |     | 11.86                                             |                    |                     | 27. 8                |          |           | 1639           |
| 5737  |       | 8.6 | 35 59.88                                          | 3.072              | 0.004               | 0 0 0. 5             | 12. 62   | 0. 34     | 1508           |
| 5738  |       |     | 59.64                                             |                    |                     | 0. 5                 |          |           | 502            |
| 5739  |       | 8.8 | 36 37.17                                          | 3.101              | 0.005               | 1 35 39. 3           | 12. 66   | 0. 34     | 1130           |
| 5740  |       |     | 37.18                                             |                    |                     | 39. 5                |          |           | 813            |
| 5741  |       | 9.0 | 36 48.34                                          | 3.072              | 0.005               | —0 0 31. 6           | 12. 68   | 0. 34     | 1459           |
| 5742  |       |     | 47.66                                             |                    |                     | 33. 4                |          |           | 880            |
| 5743  |       | 8.3 | 37 8.76                                           | 3.072              | 0.005               | +0 1 15. 8           | 12. 70   | 0. 34     | 1317           |
| 5744  |       |     | 8.92                                              |                    |                     | 15. 2                |          |           | 697            |
| 5745  |       | 8.8 | 37 19.95                                          | 3.075              | 0.005               | —0 9 42. 9           | 12. 71   | 0. 34     | 1398           |
| 5746  |       |     | 19.55                                             |                    |                     | 44. 9                |          |           | 981            |
| 5747  | 8251  | 8.8 | 37 36.49                                          | 3.077              | 0.005               | 0 15 50. 8           | 12. 73   | 0. 34     | 1509           |
| 5748  |       |     | 36.44                                             |                    |                     | 51. 2                |          |           | 938            |
| 5749  |       | 8.3 | 38 11.45                                          | 3.082              | 0.005               | 0 33 7. 5            | 12. 77   | 0. 34     | 1131           |
| 5750  |       |     | 11.47                                             |                    |                     | 4. 4                 |          |           | 1538           |
| 5751* |       | 9.0 | 38 23.14                                          | 3.105              | 0.006               | 1 49 6. 4            | 12. 78   | 0. 34     | 1732           |
| 5752  |       |     | 23.45                                             |                    |                     | 5. 2                 |          |           | 1640           |
| 5753  |       | 7.8 | 38 31.63                                          | 3.075              | 0.005               | 0 9 23. 8            | 12. 79   | 0. 34     | 1220           |
| 5754  |       |     | 31.84                                             |                    |                     | 23. 8                |          |           | 814            |
| 5755  | 8256  | 8.0 | 38 45.21                                          | 3.099              | 0.005               | 1 29 39. 4           | 12. 81   | 0. 34     | 1318           |
| 5756  |       |     | 45.07                                             |                    |                     | 40. 6                |          |           | 698            |
| 5757  |       | 9.0 | 38 58.00                                          | 3.095              | 0.005               | 1 15 23. 9           | 12. 82   | 0. 34     | 1872           |
| 5758  |       |     | 58.15                                             |                    |                     | 23. 7                |          |           | 1586           |
| 5759  |       | 8.9 | 20 39 2.65                                        | 3.073              | —0.005              | —0 3 52. 1           | +12. 83  | +0. 34    | 1399           |
| 5760  |       |     | 2.78                                              |                    |                     | 48. 9                |          |           | 1641           |

5716. Sehr schwach. — 5719. An 3 nicht gut übereinstimmenden Fäden. — 5734. Sehr schwach. —  
 5736. Sehr schwach. — 5751. Sehr hell für 9<sup>m</sup>o.



| Nro   | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 5761  |       | 8.6 | 20 <sup>h</sup> 39 <sup>m</sup> 7 <sup>s</sup> 85 | 3 <sup>s</sup> 107 | —0 <sup>s</sup> 006 | —1° 52' 59''8        | +12''83 | +0''34    | 1510           |
| 5762  |       |     | 7.92                                              |                    |                     | 57.3                 |         |           | 1539           |
| 5763  |       | 8.8 | 39 10.35                                          | 3.072              | 0.005               | +0 0 43.2            | 12.84   | 0.34      | 1460           |
| 5764  |       |     | 10.58                                             |                    |                     | 43.8                 |         |           | 982            |
| 5765  | 8264  | 7.8 | 39 32.39                                          | 3.095              | 0.005               | —1 16 44.6           | 12.86   | 0.34      | 1028           |
| 5766  |       |     | 32.37                                             |                    |                     | 42.8                 |         |           | 881            |
| 5767  |       | 7.0 | 39 35.76                                          | 3.087              | 0.005               | 0 47 39.7            | 12.86   | 0.34      | 1132           |
| 5768  |       |     | 35.66                                             |                    |                     | 39.7                 |         |           | 939            |
| 5769  |       | 8.3 | 40 18.70                                          | 3.095              | 0.005               | 1 17 25.2            | 12.91   | 0.34      | 1365           |
| 5770  |       |     | 18.75                                             |                    |                     | 27.6                 |         |           | 503            |
| 5771  | 8278  | 8.7 | 40 36.77                                          | 3.077              | 0.005               | 0 16 4.8             | 12.93   | 0.34      | 1319           |
| 5772* |       |     | 36.32                                             |                    |                     | 1.5                  |         |           | 541            |
| 5773  |       | 9.0 | 40 41.86                                          | 3.105              | 0.006               | 1 47 53.2            | 12.94   | 0.34      | 1252           |
| 5774  |       |     | 42.18                                             |                    |                     | 49.8                 |         |           | 815            |
| 5775  |       | 8.8 | 41 4.38                                           | 3.088              | 0.005               | 0 53 5.7             | 12.96   | 0.34      | 1400           |
| 5776  |       |     | 4.29                                              |                    |                     | 7.0                  |         |           | 699            |
| 5777  |       | 8.5 | 41 48.90                                          | 3.086              | 0.005               | 0 45 32.6            | 13.01   | 0.34      | 1133           |
| 5778  |       |     | 48.56                                             |                    |                     | 32.9                 |         |           | 882            |
| 5779  |       | 8.3 | 41 49.39                                          | 3.083              | 0.005               | 0 37 26.3            | 13.01   | 0.34      | 1366           |
| 5780  |       |     | 49.53                                             |                    |                     | 29.8                 |         |           | 940            |
| 5781  |       | 7.6 | 42 3.47                                           | 3.077              | 0.005               | 0 15 39.3            | 13.03   | 0.34      | 1029           |
| 5782  |       |     | 3.44                                              |                    |                     | 38.1                 |         |           | 983            |
| 5783  |       | 6.8 | 42 51.36                                          | 3.090              | 0.005               | 1 1 25.2             | 13.08   | 0.33      | 1221           |
| 5784  |       |     | 51.68                                             |                    |                     | 26.4                 |         |           | 1540           |
| 5785  |       | 9.0 | 42 56.66                                          | 3.092              | 0.005               | 1 8 35.5             | 13.09   | 0.33      | 1401           |
| 5786  |       |     | 56.71                                             |                    |                     | 36.5                 |         |           | 1587           |
| 5787  |       | 8.8 | 43 19.25                                          | 3.075              | 0.005               | 0 8 10.6             | 13.11   | 0.33      | 1367           |
| 5788  |       |     | 19.19                                             |                    |                     | 14.5                 |         |           | 816            |
| 5789  | 8308  | 7.5 | 43 24.47                                          | 3.086              | 0.005               | 0 47 15.1            | 13.12   | 0.33      | 1320           |
| 5790  |       |     | 24.70                                             |                    |                     | 15.0                 |         |           | 510            |
| 5791  | 8313  | 8.2 | 43 40.02                                          | 3.074              | 0.005               | 0 6 14.0             | 13.13   | 0.33      | 1134           |
| 5792  |       |     | 39.80                                             |                    |                     | 14.1                 |         |           | 941            |
| 5793  |       |     | 39.96                                             |                    |                     | 15.0                 |         |           | 984            |
| 5794  |       | 8.6 | 44 34.44                                          | 3.074              | 0.005               | 0 5 29.0             | 13.19   | 0.33      | 1030           |
| 5795  |       |     | 34.49                                             |                    |                     | 27.1                 |         |           | 1541           |
| 5796  | 8323  | 9.0 | 44 44.29                                          | 3.100              | 0.006               | 1 34 5.0             | 13.21   | 0.33      | 1402           |
| 5797* |       |     | 44.02                                             |                    |                     | 6.5                  |         |           | 542            |
| 5798  |       | 9.0 | 45 9.73                                           | 3.101              | 0.006               | 1 37 4.4             | 13.23   | 0.33      | 1461           |
| 5799* |       |     | 9.64                                              |                    |                     | 3.3                  |         |           | 6003           |
| 5800  |       |     | 9.80                                              |                    |                     | 3.1                  |         |           | 883            |
| 5801  | 8340  | 8.0 | 45 50.66                                          | 3.082              | 0.005               | 0 35 16.6            | 13.28   | 0.33      | 1031           |
| 5802  |       |     | 50.43                                             |                    |                     | 13.9                 |         |           | 817            |
| 5803  | 8346  | 9.0 | 46 26.25                                          | 3.091              | 0.005               | 1 4 21.4             | 13.32   | 0.33      | 1135           |
| 5804  |       |     | 26.10                                             |                    |                     | 24.1                 |         |           | 942            |
| 5805  |       | 9.0 | 20 46 41.54                                       | 3.099              | —0.005              | —1 33 26.2           | +13.33  | +0.33     | 1321           |

5772. An 3 Fäden, deren Uebereinstimmung nicht gut ist. — 5797. Sehr schwach; an 3 schlecht unter einander stimmenden Fäden. — 5799. An 8 Fäden.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 5806  |       |     | 20 <sup>h</sup> 46 <sup>m</sup> 41 <sup>s</sup> 47 |        |           | —1° 33' 24" 8        |         |           | 1642           |
| 5807* |       | 9.0 | 46 41.02                                           | 3.078  | —0.005    | 0 18 35. 0           | +13" 33 | +0" 33    | 1368           |
| 5808  |       |     | 41.05                                              |        |           | 35. 2                |         |           | 985            |
| 5809  |       | 8.0 | 47 2.85                                            | 3.075  | 0.005     | 0 8 38. 3            | 13. 36  | 0. 33     | 1222           |
| 5810  |       |     | 2.80                                               |        |           | 40. 1                |         |           | 884            |
| 5811  |       | 9.0 | 47 24.11                                           | 3.094  | 0.005     | 1 12 20. 1           | 13. 38  | 0. 33     | 1462           |
| 5812  |       |     | 24.01                                              |        |           | 21. 3                |         |           | 818            |
| 5813  |       | 9.0 | 48 10.83                                           | 3.093  | 0.005     | 1 10 10. 4           | 13. 43  | 0. 32     | 1032           |
| 5814  |       |     | 10.63                                              |        |           | 12. 1                |         |           | 1542           |
| 5815  | 8365  | 8.5 | 48 20.47                                           | 3.083  | 0.005     | 0 38 0. 3            | 13. 44  | 0. 32     | 1136           |
| 5816  |       |     | 20.50                                              |        |           | 1. 2                 |         |           | 700            |
| 5817  | 8368  | 8.2 | 48 26.45                                           | 3.104  | 0.006     | 1 50 59. 2           | 13. 45  | 0. 32     | 1463           |
| 5818  |       |     | 26.39                                              |        |           | 58. 7                |         |           | 504            |
| 5819  |       | 8.2 | 48 29.11                                           | 3.093  | 0.005     | 1 10 34. 3           | 13. 45  | 0. 32     | 1369           |
| 5820  |       |     | 29.06                                              |        |           | 39. 6                |         |           | 943            |
| 5821  | 8372  | 6.7 | 48 40.43                                           | 3.104  | 0.006     | 1 50 54. 7           | 13. 46  | 0. 32     | 1223           |
| 5822  |       |     | 40.31                                              |        |           | 54. 7                |         |           | 543            |
| 5823  |       | 8.2 | 49 46.08                                           | 3.087  | 0.005     | 0 50 19. 2           | 13. 53  | 0. 32     | 1033           |
| 5824  |       |     | 45.80                                              |        |           | 18. 9                |         |           | 819            |
| 5825  |       | 8.3 | 50 7.08                                            | 3.099  | 0.006     | 1 32 27. 0           | 13. 56  | 0. 32     | 1137           |
| 5826  |       |     | 6.97                                               |        |           | 27. 7                |         |           | 701            |
| 5827  |       | 8.5 | 50 28.82                                           | 3.082  | 0.005     | —0 33 29. 3          | 13. 58  | 0. 32     | 1464           |
| 5828  |       |     | 28.56                                              |        |           | 29. 5                |         |           | 1543           |
| 5829  |       | 8.2 | 50 29.79                                           | 3.072  | 0.005     | +0 1 29. 3           | 13. 58  | 0. 32     | 1322           |
| 5830  |       |     | 29.37                                              |        |           | 29. 0                |         |           | 885            |
| 5831  |       | 9.0 | 50 30.65                                           | 3.099  | 0.006     | —1 32 13. 7          | 13. 58  | 0. 32     | 1403           |
| 5832  |       |     | 30.55                                              |        |           | 13. 0                |         |           | 986            |
| 5833  |       | 9.0 | 50 42.02                                           | 3.104  | 0.006     | 1 52 54. 5           | 13. 59  | 0. 32     | 1511           |
| 5834  |       |     | 42.27                                              |        |           | 52. 7                |         |           | 1588           |
| 5835  |       | 6.8 | 50 46.53                                           | 3.072  | 0.005     | 0 0 46. 7            | 13. 60  | 0. 32     | 1224           |
| 5836  |       |     | 46.47                                              |        |           | 46. 9                |         |           | 886            |
| 5837  |       | 9.0 | 52 32.30                                           | 3.088  | 0.005     | 0 54 24. 2           | 13. 71  | 0. 32     | 1034           |
| 5838  |       |     | 31.99                                              |        |           | 22. 1                |         |           | 702            |
| 5839  | 8418  | 9.0 | 52 49.14                                           | 3.088  | 0.005     | 0 55 24. 4           | 13. 73  | 0. 32     | 1225           |
| 5840  |       |     | 49.42                                              |        |           | 26. 4                |         |           | 511            |
| 5841  |       | 8.8 | 53 51.71                                           | 3.081  | 0.005     | 0 31 17. 1           | 13. 80  | 0. 32     | 1035           |
| 5842  |       |     | 51.38                                              |        |           | 15. 2                |         |           | 544            |
| 5843  | 8432  | 8.7 | 54 10.52                                           | 3.096  | 0.005     | 1 24 18. 9           | 13. 82  | 0. 32     | 1226           |
| 5844  |       |     | 10.54                                              |        |           | 21. 4                |         |           | 820            |
| 5845  |       | 8.3 | 54 38.52                                           | 3.093  | 0.005     | 1 15 25. 0           | 13. 85  | 0. 32     | 1138           |
| 5846  |       |     | 38.54                                              |        |           | 27. 0                |         |           | 703            |
| 5847  |       | 9.0 | 54 42.40                                           | 3.086  | 0.005     | 0 49 46. 1           | 13. 85  | 0. 32     | 1404           |
| 5848  |       |     | 42.14                                              |        |           | 47. 1                |         |           | 887            |
| 5849  |       | 9.0 | 20 54 56.37                                        | 3.083  | —0.005    | —0 39 15. 7          | +13. 86 | +0. 32    | 1253           |
| 5850  |       |     | 56.17                                              |        |           | 13. 0                |         |           | 987            |

5807. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                              | Praec.              | Var. sec.            | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|-----------------------------------------------------|---------------------|----------------------|----------------------|---------|-----------|----------------|
| 5851  | 8458  | 8.8 | 20 <sup>h</sup> 55 <sup>m</sup> 40 <sup>s</sup> .85 | 3 <sup>s</sup> .083 | —0 <sup>s</sup> .005 | —0° 30' 26" 2        | +13" 91 | +0" 31    | 1036           |
| 5852  |       |     | 40.96                                               |                     |                      | 30. 0                |         |           | 944            |
| 5853  |       | 6.8 | 56 32.92                                            | 3.096               | 0.005                | 1 24 58. 2           | 13. 97  | 0. 31     | 1139           |
| 5854  |       |     | 32.81                                               |                     |                      | 58. 8                |         |           | 821            |
| 5855  |       | 7.3 | 56 39.95                                            | 3.103               | 0.006                | 1 47 58. 4           | 13. 97  | 0. 31     | 1227           |
| 5856  | 8481  |     | 39.86                                               |                     |                      | 59. 9                |         |           | 988            |
| 5857  |       | 9.0 | 57 47.10                                            | 3.092               | 0.005                | 1 12 4. 2            | 14. 04  | 0. 31     | 1037           |
| 5858  |       |     | 46.97                                               |                     |                      | 5. 3                 |         |           | 888            |
| 5859* |       | 9.0 | 58 34.69                                            | 3.099               | 0.006                | 1 33 15. 0           | 14. 09  | 0. 31     | 1140           |
| 5860  |       |     | 34.97                                               |                     |                      | 17. 0                |         |           | 822            |
| 5861  | 8481  | 9.0 | 58 51.95                                            | 3.072               | 0.005                | 0 1 18. 1            | 14. 11  | 0. 31     | 1228           |
| 5862  |       |     | 51.77                                               |                     |                      | 19. 1                |         |           | 704            |
| 5863  |       | 9.0 | 59 15.54                                            | 3.082               | 0.005                | 0 33 31. 0           | 14. 14  | 0. 31     | 1405           |
| 5864  |       |     | 15.42                                               |                     |                      | 33. 6                |         |           | 512            |
| 5865  |       | 9.0 | 59 40.58                                            | 3.091               | 0.005                | 1 8 31. 5            | 14. 16  | 0. 31     | 1038           |
| 5866  | 8490  |     | 40.70                                               |                     |                      | 31. 5                |         |           | 945            |
| 5867  |       | 9.0 | 20 59 53.59                                         | 3.084               | 0.005                | 0 42 34. 2           | 14. 17  | 0. 31     | 1465           |
| 5868  |       |     | 53.63                                               |                     |                      | 33. 1                |         |           | 989            |
| 5869  |       | 7.0 | 21 0 8.44                                           | 3.082               | 0.005                | 0 36 15. 4           | 14. 19  | 0. 31     | 1141           |
| 5870  |       |     | 8.38                                                |                     |                      | 16. 2                |         |           | 823            |
| 5871  | 8496  | 8.4 | 0 18.96                                             | 3.098               | 0.006                | 1 31 29. 1           | 14. 20  | 0. 31     | 1733           |
| 5872  |       |     | 18.71                                               |                     |                      | 29. 3                |         |           | 545            |
| 5873  |       | 7.7 | 0 25.59                                             | 3.097               | 0.006                | 1 27 45. 8           | 14. 21  | 0. 31     | 1323           |
| 5874* |       |     | 25.69                                               |                     |                      | 43. 1                |         |           | 1406           |
| 5875  |       |     | 25.65                                               |                     |                      | 48. 4                |         |           | 1544           |
| 5876  | 8519  | 9.0 | 0 54.85                                             | 3.090               | 0.005                | 1 6 25. 4            | 14. 24  | 0. 31     | 1254           |
| 5877  |       |     | 55.00                                               |                     |                      | 24. 3                |         |           | 1700           |
| 5878  |       | 7.3 | 0 55.58                                             | 3.093               | 0.005                | 1 16 2. 3            | 14. 24  | 0. 31     | 1466           |
| 5879  |       |     | 55.78                                               |                     |                      | 1. 6                 |         |           | 990            |
| 5880  |       | 7.2 | 1 7.71                                              | 3.083               | 0.005                | 0 39 53. 5           | 14. 25  | 0. 31     | 1039           |
| 5881  | 8519  |     | 7.59                                                |                     |                      | 58. 0                |         |           | 705            |
| 5882  |       | 9.0 | 1 30.30                                             | 3.086               | 0.005                | 0 50 48. 2           | 14. 27  | 0. 31     | 1734           |
| 5883* |       |     | 30.44                                               |                     |                      | 45. 9                |         |           | 1643           |
| 5884  |       | 7.0 | 1 41.57                                             | 3.097               | 0.006                | 1 29 32. 6           | 14. 29  | 0. 31     | 1229           |
| 5885  |       |     | 42.28                                               |                     |                      | 34. 3                |         |           | 946            |
| 5886* | 8519  | 9.3 | 2 24.10                                             | 3.081               | 0.005                | 0 32 26. 9           | 14. 33  | 0. 31     | 889            |
| 5887  |       | 9.0 | 2 25.27                                             | 3.074               | 0.005                | 0 5 26. 3            | 14. 33  | 0. 31     | 1467           |
| 5888  |       |     | 25.24                                               |                     |                      | 24. 2                |         |           | 1589           |
| 5889  |       | 9.0 | 2 27.53                                             | 3.077               | 0.005                | 0 17 14. 6           | 14. 33  | 0. 31     | 1873           |
| 5890  |       |     | 27.80                                               |                     |                      | 16. 2                |         |           | 1545           |
| 5891  | 8519  | 9.0 | 2 46.23                                             | 3.081               | 0.005                | 0 32 34. 2           | 14. 35  | 0. 31     | 1142           |
| 5892  |       |     | 46.34                                               |                     |                      | 33. 4                |         |           | 1701           |
| 5893  |       | 7.3 | 2 50.34                                             | 3.084               | 0.005                | 0 44 21. 9           | 14. 36  | 0. 31     | 1370           |
| 5894  |       |     | 49.99                                               |                     |                      | 23. 1                |         |           | 991            |
| 5895  |       | 7.8 | 21 5 5.08                                           | 3.101               | —0.006               | —1 48 38. 3          | +14. 49 | +0. 30    | 1040           |

5859. Sehr schwach. — 5874. Fäden stimmen schlecht. — 5883. Fäden stimmen schlecht. —  
 5886. B. D. —0° N. 4168.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|----------|-----------|----------------|
| 5896  |       |     | 21 <sup>h</sup> 5 <sup>m</sup> 5 <sup>s</sup> .22 |        |           | —1° 48' 37'' 8       |          |           | 513            |
| 5897  | 8542  | 7.5 | 5 11.87                                           | 3.094  | —0.005    | 1 22 50.0            | +14'' 50 | +0'' 30   | 1143           |
| 5898  |       |     | 11.98                                             |        |           | 51.4                 |          |           | 706            |
| 5899  | 8546  | 8.8 | 5 41.30                                           | 3.096  | 0.006     | 1 31 45.6            | 14. 53   | 0. 30     | 1324           |
| 5900  |       |     | 41.29                                             |        |           | 45.0                 |          |           | 546            |
| 5901  |       | 9.0 | 5 49.55                                           | 3.102  | 0.006     | 1 51 17.1            | 14. 54   | 0. 30     | 1407           |
| 5902  |       |     | 49.27                                             |        |           | 19.8                 |          |           | 890            |
| 5903  | 8548  | 8.9 | 5 54.20                                           | 3.072  | 0.005     | 0 0 26.8             | 14. 54   | 0. 30     | 1468           |
| 5904  |       |     | 54.23                                             |        |           | 26.2                 |          |           | 992            |
| 5905  |       | 8.0 | 6 41.25                                           | 3.098  | 0.006     | 1 38 34.8            | 14. 59   | 0. 30     | 1041           |
| 5906  |       |     | 40.98                                             |        |           | 34.1                 |          |           | 707            |
| 5907  |       | 9.0 | 7 21.42                                           | 3.075  | 0.005     | 0 10 52.1            | 14. 63   | 0. 30     | 1144           |
| 5908  |       |     | 21.27                                             |        |           | 48.8                 |          |           | 1546           |
| 5909  | 8568  | 8.7 | 7 50.83                                           | 3.076  | 0.005     | 0 12 50.0            | 14. 66   | 0. 30     | 1408           |
| 5910  |       |     | 50.74                                             |        |           | 53.0                 |          |           | 947            |
| 5911  | 8572  | 9.0 | 8 5.66                                            | 3.096  | 0.006     | 1 29 52.4            | 14. 67   | 0. 30     | 1255           |
| 5912  |       |     | 5.67                                              |        |           | 51.8                 |          |           | 1590           |
| 5913  |       | 6.7 | 8 12.08                                           | 3.079  | 0.005     | 0 25 24.4            | 14. 68   | 0. 30     | 1325           |
| 5914  |       |     | 12.18                                             |        |           | 24.1                 |          |           | 993            |
| 5915  | 8573  | 7.2 | 8 14.53                                           | 3.093  | 0.005     | 1 20 55.8            | 14. 68   | 0. 30     | 1042           |
| 5916  |       |     | 14.69                                             |        |           | 55.2                 |          |           | 1547           |
| 5917  |       | 8.7 | 8 35.33                                           | 3.099  | 0.006     | 1 42 12.1            | 14. 70   | 0. 30     | 1469           |
| 5918  |       |     | 35.05                                             |        |           | 13.5                 |          |           | 514            |
| 5919  |       | 8.4 | 9 5.52                                            | 3.084  | 0.005     | 0 47 11.6            | 14. 73   | 0. 30     | 1735           |
| 5920  |       |     | 5.50                                              |        |           | 13.3                 |          |           | 708            |
| 5921  | 8582  | 8.5 | 9 12.20                                           | 3.100  | 0.006     | 1 45 6.5             | 14. 74   | 0. 30     | 1409           |
| 5922  |       |     | 12.11                                             |        |           | 9.6                  |          |           | 891            |
| 5923  |       | 8.8 | 9 37.67                                           | 3.093  | 0.005     | 0 19 3.7             | 14. 76   | 0. 30     | 1470           |
| 5924  |       |     | 37.40                                             |        |           | 2.6                  |          |           | 547            |
| 5925  |       | 8.5 | 9 51.75                                           | 3.095  | 0.006     | 1 25 36.6            | 14. 78   | 0. 30     | 1736           |
| 5926  |       |     | 51.75                                             |        |           | 40.0                 |          |           | 1644           |
| 5927  |       | 8.0 | 10 8.63                                           | 3.090  | 0.005     | 1 8 30.0             | 14. 79   | 0. 30     | 1043           |
| 5928  |       |     | 8.53                                              |        |           | 30.0                 |          |           | 1548           |
| 5929  | 8596  | 8.3 | 10 34.04                                          | 3.097  | 0.006     | 1 35 52.2            | 14. 82   | 0. 30     | 1145           |
| 5930  |       |     | 33.87                                             |        |           | 52.2                 |          |           | 1645           |
| 5931  | 8603  | 8.7 | 11 27.47                                          | 3.103  | 0.006     | 1 54 39.8            | 14. 87   | 0. 30     | 1471           |
| 5932  |       |     | 27.33                                             |        |           | 40.9                 |          |           | 892            |
| 5933  | 8605  | 8.5 | 11 34.56                                          | 3.078  | 0.005     | 0 21 14.5            | 14. 88   | 0. 30     | 1410           |
| 5934* |       |     | 34.40                                             |        |           | 16.8                 |          |           | 709            |
| 5935  |       | 9.0 | 11 47.34                                          | 3.094  | 0.006     | 1 26 51.8            | 14. 89   | 0. 30     | 1044           |
| 5936  |       |     | 47.16                                             |        |           | 51.1                 |          |           | 1549           |
| 5937  |       | 9.0 | 13 41.73                                          | 3.079  | 0.005     | 0 25 57.1            | 15. 00   | 0. 29     | 1045           |
| 5938  |       |     | 41.73                                             |        |           | 56.7                 |          |           | 515            |
| 5939  |       | 9.0 | 21 14 13.26                                       | 3.092  | —0.005    | —1 16 33.2           | +15. 03  | +0. 29    | 1146           |
| 5940  |       |     | 13.06                                             |        |           | 34.4                 |          |           | 893            |

5934. An 7 Fäden.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec.             | Var. sec.           | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------------------|---------------------|----------------------|----------|-----------|----------------|
| 5941  |       | 8.8 | 21 <sup>h</sup> 14 <sup>m</sup> 48 <sup>s</sup> 12 | 3 <sup>s</sup> 077 | —0 <sup>s</sup> 005 | —0° 17' 36'' 5       | +15'' 07 | +0'' 29   | 1046           |
| 5942  |       |     | 47.78                                              |                    |                     | 33. 6                |          |           | 548            |
| 5943  |       | 8.7 | 15 5.20                                            | 3.093              | 0.006               | 1 21 53. 8           | 15. 08   | 0. 29     | 1411           |
| 5944  |       |     | 5.15                                               |                    |                     | 56. 8                |          |           | 994            |
| 5945  |       | 9.0 | 16 6.89                                            | 3.090              | 0.005               | 1 9 43. 8            | 15. 14   | 0. 29     | 1472           |
| 5946  |       |     | 6.49                                               |                    |                     | 42. 5                |          |           | 1591           |
| 5947  |       | 9.0 | 16 10.15                                           | 3.079              | 0.005               | 0 26 32. 3           | 15. 14   | 0. 29     | 1412           |
| 5948  |       |     | 9.99                                               |                    |                     | 33. 9                |          |           | 1550           |
| 5949  |       | 8.5 | 16 10.04                                           | 3.096              | 0.006               | 1 33 8. 4            | 15. 14   | 0. 29     | 1512           |
| 5950  |       |     | 10.24                                              |                    |                     | 9. 8                 |          |           | 710            |
| 5951  | 8651  | 7.8 | 16 44.36                                           | 3.092              | 0.005               | 1 18 19. 6           | 15. 18   | 0. 29     | 1047           |
| 5952  |       |     | 44.19                                              |                    |                     | 21. 0                |          |           | 894            |
| 5953  |       | 8.8 | 16 54.48                                           | 3.095              | 0.006               | —1 28 52. 7          | 15. 19   | 0. 29     | 1147           |
| 5954  |       |     | 54.26                                              |                    |                     | 51. 7                |          |           | 995            |
| 5955* | 8654  | 8.9 | 17 20.51                                           | 3.072              | 0.005               | +0 1 30. 6           | 15. 21   | 0. 28     | 1473           |
| 5956  |       |     | 20.63                                              |                    |                     | 28. 3                |          |           | 516            |
| 5957  |       | 8.7 | 18 9.76                                            | 3.072              | 0.005               | +0 2 15. 2           | 15. 26   | 0. 28     | 1048           |
| 5958  |       |     | 9.48                                               |                    |                     | 15. 9                |          |           | 549            |
| 5959* |       |     | 9.74                                               |                    |                     | 13. 7                |          |           | 5742           |
| 5960  |       | 9.0 | 19 2.96                                            | 3.094              | 0.006               | —1 28 58. 9          | 15. 31   | 0. 28     | 1148           |
| 5961  |       |     | 3.19                                               |                    |                     | 59. 4                |          |           | 996            |
| 5962  |       | 8.8 | 19 7.01                                            | 3.095              | 0.006               | 1 31 22. 1           | 15. 31   | 0. 28     | 1413           |
| 5963  |       |     | 6.55                                               |                    |                     | 24. 6                |          |           | 711            |
| 5964  |       | 8.1 | 19 9.83                                            | 3.084              | 0.005               | 0 46 10. 5           | 15. 31   | 0. 28     | 1256           |
| 5965  |       |     | 9.79                                               |                    |                     | 11. 2                |          |           | 895            |
| 5966  | 8674  | 6.3 | 19 27.48                                           | 3.072              | 0.005               | 0 0 16. 2            | 15. 33   | 0. 28     | 1474           |
| 5967  |       |     | 27.57                                              |                    |                     | 18. 8                |          |           | 948            |
| 5968  | 8681  | 9.0 | 20 50.04                                           | 3.075              | 0.005               | 0 10 14. 1           | 15. 41   | 0. 28     | 1049           |
| 5969  |       |     | 50.03                                              |                    |                     | 13. 7                |          |           | 896            |
| 5970  |       | 9.0 | 23 22.11                                           | 3.079              | 0.005               | 0 24 13. 6           | 15. 55   | 0. 28     | 1149           |
| 5971* |       |     | 21.89                                              |                    |                     | 16. 2                |          |           | 517            |
| 5972  | 8707  | 9.0 | 24 17.75                                           | 3.080              | 0.005               | 0 27 51. 2           | 15. 60   | 0. 28     | 1257           |
| 5973  |       |     | 17.60                                              |                    |                     | 52. 2                |          |           | 712            |
| 5974  |       | 8.5 | 26 39.42                                           | 3.100              | 0.006               | 1 54 18. 3           | 15. 73   | 0. 28     | 1414           |
| 5975  |       |     | 39.54                                              |                    |                     | 20. 8                |          |           | 1551           |
| 5976  | 8736  | 8.3 | 27 31.12                                           | 3.077              | 0.004               | 0 19 48. 4           | 15. 78   | 0. 27     | 1050           |
| 5977  |       |     | 31.07                                              |                    |                     | 45. 4                |          |           | 997            |
| 5978  |       | 6.2 | 31 8.65                                            | 3.085              | 0.004               | —0 56 59. 8          | 15. 97   | 0. 27     | 1051           |
| 5979  |       |     | 8.61                                               |                    |                     | 60. 2                |          |           | 897            |
| 5980  | 8769  | 7.7 | 31 12.86                                           | 3.072              | 0.004               | +0 1 26. 0           | 15. 97   | 0. 27     | 1150           |
| 5981  |       |     | 12.79                                              |                    |                     | 24. 6                |          |           | 713            |
| 5982  |       | 9.0 | 31 26.57                                           | 3.091              | 0.005               | —1 19 50. 1          | 15. 99   | 0. 27     | 1415           |
| 5983  |       |     | 26.50                                              |                    |                     | 49. 3                |          |           | 998            |
| 5984  |       | 9.0 | 21 31 36.22                                        | 3.091              | —0.005              | —1 19 12. 3          | +15. 99  | +0. 27    | 1258           |
| 5985  |       |     | 36.45                                              |                    |                     | 12. 9                |          |           | 518            |

5955. Ein Stern 9<sup>m</sup> im Meridian circa 2' südlicher. —  
ziemlich gut. — 5971. Sehr schwach.

5959. Sehr schwach, nur an 1 Faden, Decl.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                              | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|-----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 5986* |       | 9.0 | 21 <sup>h</sup> 31 <sup>m</sup> 50 <sup>s</sup> .62 | 3.099  | —0.005    | —1° 53' 38".2        | +16".01 | +0".27    | 1475           |
| 5987  |       |     | 50.65                                               |        |           | 37. 7                |         |           | 1592           |
| 5988  |       | 8.8 | 31 51.90                                            | 3.085  | 0.004     | 0 53 52. 9           | 16. 01  | 0. 27     | 1151           |
| 5989  |       |     | 52.19                                               |        |           | 55. 5                |         |           | 1552           |
| 5990  |       | 9.0 | 32 18.72                                            | 3.090  | 0.004     | 1 15 10. 3           | 16. 03  | 0. 27     | 1052           |
| 5991  |       |     | 18.75                                               |        |           | 11. 0                |         |           | 898            |
| 5992  | 8783  | 7.3 | 33 4.68                                             | 3.080  | 0.004     | 0 36 52. 2           | 16. 07  | 0. 26     | 1371           |
| 5993  |       |     | 4.69                                                |        |           | 56. 3                |         |           | 949            |
| 5994  |       | 9.0 | 34 39.86                                            | 3.098  | 0.005     | 1 48 59. 8           | 16. 15  | 0. 26     | 1259           |
| 5995  |       |     | 40.08                                               |        |           | 60. 6                |         |           | 899            |
| 5996  |       | 9.0 | 34 58.60                                            | 3.097  | 0.005     | 1 46 33. 9           | 16. 17  | 0. 26     | 1053           |
| 5997  |       |     | 58.80                                               |        |           | 31. 4                |         |           | 519            |
| 5998  |       | 7.5 | 35 31.93                                            | 3.076  | 0.004     | 0 13 18. 2           | 16. 20  | 0. 26     | 1152           |
| 5999  |       |     | 31.80                                               |        |           | 19. 4                |         |           | 950            |
| 6000* |       | 7.8 | 36 3.03                                             | 3.074  | 0.004     | 0 7 15. 3            | 16. 23  | 0. 26     | 1372           |
| 6001* |       |     | 2.97                                                |        |           | 19. 4                |         |           | 999            |
| 6002  |       | 9.0 | 36 52.87                                            | 3.086  | 0.004     | 0 59 14. 4           | 16. 27  | 0. 26     | 1260           |
| 6003  |       |     | 53.01                                               |        |           | 15. 1                |         |           | 1593           |
| 6004  | 8818  | 8.5 | 37 4.38                                             | 3.079  | 0.004     | 0 31 2. 3            | 16. 28  | 0. 26     | 1373           |
| 6005  |       |     | 4.50                                                |        |           | 6. 0                 |         |           | 1553           |
| 6006  |       | 7.5 | 37 15.23                                            | 3.072  | 0.004     | 0 2 8. 3             | 16. 29  | 0. 26     | 1153           |
| 6007  |       |     | 15.37                                               |        |           | 9. 2                 |         |           | 1646           |
| 6008  | 8823  | 8.8 | 37 57.27                                            | 3.078  | 0.004     | 0 26 15. 8           | 16. 32  | 0. 26     | 1416           |
| 6009* |       |     | 57.22                                               |        |           | 12. 0                |         |           | 1702           |
| 6010  | 8830  | 8.5 | 38 57.69                                            | 3.083  | 0.004     | 0 47 1. 7            | 16. 38  | 0. 25     | 1154           |
| 6011  |       |     | 57.54                                               |        |           | 1. 4                 |         |           | 714            |
| 6012  |       | 9.0 | 40 39.70                                            | 3.089  | 0.005     | 1 13 21. 2           | 16. 46  | 0. 25     | 1261           |
| 6013  |       |     | 39.68                                               |        |           | 23. 0                |         |           | 1594           |
| 6014  | 8841  | 9.0 | 40 49.08                                            | 3.087  | 0.004     | 1 6 11. 7            | 16. 47  | 0. 25     | 6004           |
| 6015  |       |     | 49.19                                               |        |           | 14. 0                |         |           | 1647           |
| 6016* |       |     | 49.52                                               |        |           | 14. 1                |         |           | 5743           |
| 6017* |       | 9.3 | 40 54.98                                            | 3.087  | 0.004     | 1 6 28. 7            | 16. 47  | 0. 25     | 1155           |
| 6018  |       | 9.0 | 41 57.21                                            | 3.092  | 0.005     | 1 32 32. 4           | 16. 53  | 0. 25     | 1417           |
| 6019  |       |     | 57.08                                               |        |           | 33. 8                |         |           | 900            |
| 6020  |       | 8.5 | 41 58.61                                            | 3.078  | 0.004     | 0 22 37. 4           | 16. 53  | 0. 25     | 1262           |
| 6021  |       |     | 58.37                                               |        |           | 37. 7                |         |           | 715            |
| 6022  | 8857  | 8.8 | 42 32.13                                            | 3.083  | 0.004     | 0 51 35. 4           | 16. 55  | 0. 25     | 1054           |
| 6023  |       |     | 32.05                                               |        |           | 35. 2                |         |           | 1000           |
| 6024  | 8869  | 7.5 | 43 49.48                                            | 3.088  | 0.004     | 1 11 15. 0           | 16. 62  | 0. 24     | 1055           |
| 6025  |       |     | 49.21                                               |        |           | 16. 8                |         |           | 520            |
| 6026  |       | 8.3 | 45 37.78                                            | 3.096  | 0.005     | 1 52 12. 0           | 16. 71  | 0. 24     | 1056           |
| 6027  |       |     | 37.98                                               |        |           | 13. 9                |         |           | 716            |
| 6028  |       | 9.0 | 46 30.76                                            | 3.094  | 0.005     | 1 40 22. 8           | 16. 75  | 0. 24     | 1156           |
| 6029  |       |     | 30.48                                               |        |           | 24. 8                |         |           | 901            |
| 6030  | 8896  | 8.8 | 21 46 34.46                                         | 3.095  | —0.005    | —1 44 42. 2          | +16. 75 | +0. 24    | 1263           |

5986. Sehr schwach. — 6000. Duplex, 8<sup>m</sup>0 und 8<sup>m</sup>5, d = 12", praec. beob. — 6001. Duplex, praec. beob. — 6009. Duplex, 8<sup>m</sup>9 und 9<sup>m</sup>1, d = 18", den südlicheren beob. — 6016. Nur an 1 Faden, Decl. recht gut. — 6017. B. D. — 1° N. 4203.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 6031  | 8904  | 8.8 | 21 <sup>h</sup> 46 <sup>m</sup> 34 <sup>s</sup> 45 | 3.072  | —0.004    | —1° 44' 42" 8        | +16" 78 | +0" 23    | 1001           |
| 6032  |       |     | 47 10.64                                           |        |           | +0 1 3. 1            |         |           | 1057           |
| 6033  |       |     | 10.58                                              |        |           | 3. 7                 |         |           | 1554           |
| 6034  |       |     | 48 54.77                                           |        |           | —1 4 35. 2           |         |           | 1058           |
| 6035  |       |     | 54.83                                              |        |           | 35. 2                |         |           | 521            |
| 6036  | 8920  | 8.0 | 49 28.13                                           | 3.076  | 0.004     | 0 17 26. 6           | 16. 89  | 0. 23     | 1157           |
| 6037  |       |     | 28.01                                              |        |           | 27. 9                |         |           | 717            |
| 6038  |       |     | 49 47.15                                           |        |           | 1 34 56. 2           |         |           | 1264           |
| 6039  |       |     | 47.19                                              |        |           | 56. 1                |         |           | 902            |
| 6040  |       |     | 49 59.94                                           |        |           | —1 16 21. 0          |         |           | 1326           |
| 6041  | 8934  | 8.8 | 60.02                                              | 3.072  | 0.004     | 22. 6                | 16. 95  | 0. 23     | 1555           |
| 6042  |       |     | 50 41.71                                           |        |           | +0 0 32. 4           |         |           | 1059           |
| 6043  |       |     | 41.57                                              |        |           | 34. 2                |         |           | 1002           |
| 6044  |       |     | 50 42.87                                           |        |           | —1 22 31. 2          |         |           | 1158           |
| 6045  |       |     | 43.11                                              |        |           | 32. 0                |         |           | 718            |
| 6046  |       | 9.0 | 43.07                                              | 3.072  | 0.004     | 31. 7                | 16. 95  | 0. 23     | 5744           |
| 6047  |       |     | 50 47.65                                           |        |           | +0 5 25. 1           |         |           | 1418           |
| 6048  |       |     | 47.81                                              |        |           | 21. 4                |         |           | 1595           |
| 6049  |       |     | 51 16.23                                           |        |           | —1 13 15. 5          |         |           | 1327           |
| 6050  |       |     | 16.28                                              |        |           | 16. 3                |         |           | 1648           |
| 6051  | 8943  | 8.3 | 51 29.30                                           | 3.072  | 0.004     | +0 0 18. 2           | 16. 98  | 0. 23     | 1060           |
| 6052  |       |     | 29.36                                              |        |           | 15. 7                |         |           | 1556           |
| 6053  |       |     | 51 38.40                                           |        |           | —1 27 2. 9           |         |           | 1476           |
| 6054  |       |     | 38.11                                              |        |           | 3. 3                 |         |           | 903            |
| 6055* |       |     | 38.61                                              |        |           | 3. 4                 |         |           | 5745           |
| 6056  | 8950  | 8.2 | 52 15.46                                           | 3.073  | 0.004     | 0 3 21. 2            | 17. 01  | 0. 23     | 1265           |
| 6057  |       |     | 15.43                                              |        |           | 21. 8                |         |           | 1649           |
| 6058  |       |     | 52 32.85                                           |        |           | 0 30 1. 0            |         |           | 1159           |
| 6059  |       |     | 33.04                                              |        |           | 1. 0                 |         |           | 1703           |
| 6060  |       |     | 52 37.53                                           |        |           | 0 23 9. 4            |         |           | 1419           |
| 6061  |       | 9.0 | 37.41                                              | 3.091  | 0.005     | 11. 2                | 17. 05  | 0. 23     | 522            |
| 6062  |       |     | 53 0.29                                            |        |           | 1 29 27. 4           |         |           | 1513           |
| 6063  |       |     | 0.40                                               |        |           | 24. 1                |         |           | 1672           |
| 6064  |       |     | 54 6.33                                            |        |           | 1 10 37. 4           |         |           | 1160           |
| 6065  |       |     | 6.49                                               |        |           | 38. 3                |         |           | 1704           |
| 6066* | 8971  | 9.0 | 54 20.00                                           | 3.089  | 0.005     | —1 18 0. 9           | 17. 11  | 0. 23     | 1061           |
| 6067  |       |     | 19.86                                              |        |           | 1. 4                 |         |           | 904            |
| 6068  |       |     | 54 41.19                                           |        |           | +0 0 19. 6           |         |           | 1328           |
| 6069  |       |     | 41.22                                              |        |           | 19. 7                |         |           | 1003           |
| 6070  |       |     | 54 43.01                                           |        |           | —1 39 48. 0          |         |           | 1266           |
| 6071  |       | 7.8 | 43.22                                              | 3.094  | 0.005     | 48. 5                | 17. 16  | 0. 22     | 1650           |
| 6072* |       |     | 55 18.52                                           |        |           | 1 43 39. 1           |         |           | 1737           |
| 6073  |       |     | 18.73                                              |        |           | 43. 3                |         |           | 719            |
| 6074  |       |     | 21 55 24.17                                        |        |           | —0 15 55. 6          |         |           | 1514           |
| 6075  |       |     | 24.07                                              |        |           | 55. 5                |         |           | 1557           |

6055. Nur an 1 Faden, Decl. recht gut. — 6066. Sehr schwach. — 6072. Sehr unruhiges Bild.



| Nro.  | Schj. | Gr.   | Rectascension<br>1875.                             | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-------|----------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 6076  |       | 8.7   | 21 <sup>h</sup> 55 <sup>m</sup> 30 <sup>s</sup> 32 | 3 <sup>s</sup> 084 | —0 <sup>s</sup> 004 | —0° 55' 27" 6        | +17" 17 | +0" 22    | 1477           |
| 6077  |       |       | 30.06                                              |                    |                     | 29. 7                |         |           | 1819           |
| 6078  |       |       | 30.09                                              |                    |                     | 28. 8                |         |           | 2029           |
| 6079* |       | 8.8 { | 55 29.86                                           | 3.092              | 0.005               | 1 39 59. 9           | 17. 17  | 0. 22     | 2032           |
| 6080* |       |       | 55 35.30                                           | 3.092              | 0.005               | 1 39 26. 4           | 17. 17  | 0. 22     | 1420           |
| 6081  |       | 7.7   | 56 7.00                                            | 3.091              | 0.005               | 1 31 13. 4           | 17. 19  | 0. 22     | 1062           |
| 6082  |       |       | 7.06                                               |                    |                     | 11. 7                |         |           | 1673           |
| 6083  |       | 9.0   | 56 20.87                                           | 3.089              | 0.005               | 1 21 2. 7            | 17. 20  | 0. 22     | 1161           |
| 6084  |       |       | 21.00                                              |                    |                     | 5. 9                 |         |           | 523            |
| 6085  | 9003  | 6.0   | 58 21.61                                           | 3.090              | 0.005               | 1 30 35. 9           | 17. 29  | 0. 22     | 1063           |
| 6086  |       |       | 21.60                                              |                    |                     | 35. 2                |         |           | 720            |
| 6087  |       | 8.8   | 58 47.13                                           | 3.093              | 0.005               | 1 46 28. 3           | 17. 31  | 0. 22     | 1162           |
| 6088  |       |       | 46.96                                              |                    |                     | 28. 5                |         |           | 1004           |
| 6089  |       | 9.0   | 58 53.49                                           | 3.081              | 0.004               | 0 44 12. 6           | 17. 32  | 0. 22     | 1267           |
| 6090  |       |       | 53.57                                              |                    |                     | 12. 0                |         |           | 1596           |
| 6091  | 9008  | 8.0   | 58 59.55                                           | 3.076              | 0.004               | —0 20 41. 4          | 17. 32  | 0. 22     | 1329           |
| 6092  |       |       | 59.51                                              |                    |                     | 43. 0                |         |           | 1558           |
| 6093  | 9010  | 7.8   | 59 8.64                                            | 3.072              | 0.004               | +0 1 19. 0           | 17. 33  | 0. 22     | 1421           |
| 6094  |       |       | 8.62                                               |                    |                     | 17. 8                |         |           | 1651           |
| 6095* |       | 2.8   | 59 21.83                                           | 3.083              | 0.004               | —0 55 36. 0          | 17. 34  | 0. 22     | 1478           |
| 6096* |       |       | 21.58                                              |                    |                     | 35. 8                |         |           | 1705           |
| 6097  |       | 9.0   | 21 59 44.02                                        | 3.086              | 0.005               | 1 9 46. 3            | 17. 36  | 0. 22     | 1064           |
| 6098  |       |       | 44.04                                              |                    |                     | 44. 7                |         |           | 1674           |
| 6099  |       | 8.3   | 22 0 3.02                                          | 3.095              | 0.005               | 1 54 3. 2            | 17. 37  | 0. 22     | 1330           |
| 6100  |       |       | 3.03                                               |                    |                     | 3. 0                 |         |           | 721            |
| 6101  | 9021  | 8.3   | 0 25.84                                            | 3.088              | 0.005               | 1 21 19. 2           | 17. 39  | 0. 22     | 1268           |
| 6102  |       |       | 25.73                                              |                    |                     | 22. 9                |         |           | 1559           |
| 6103* |       | 8.2   | 0 42.24                                            | 3.072              | 0.004               | 0 2 26. 2            | 17. 40  | 0. 22     | 1811           |
| 6104* |       |       | 42.31                                              |                    |                     | 24. 4                |         |           | 1652           |
| 6105* |       |       | 42.09                                              |                    |                     | 24. 3                |         |           | 1751           |
| 6106  |       | 9.0   | 0 58.11                                            | 3.089              | 0.005               | 1 25 44. 8           | 17. 41  | 0. 22     | 1479           |
| 6107  |       |       | 57.83                                              |                    |                     | 43. 7                |         |           | 1597           |
| 6108* |       | 9.3   | 1 38.51                                            | 3.090              | 0.005               | 1 34 18. 1           | 17. 44  | 0. 22     | 1675           |
| 6109  | 9032  | 8.4   | 2 15.88                                            | 3.079              | 0.004               | 0 32 55. 7           | 17. 46  | 0. 22     | 1163           |
| 6110  |       |       | 15.73                                              |                    |                     | 58. 2                |         |           | 722            |
| 6111  |       | 8.1   | 2 16.21                                            | 3.075              | 0.004               | 0 16 22. 5           | 17. 46  | 0. 22     | 1515           |
| 6112  |       |       | 16.33                                              |                    |                     | 22. 7                |         |           | 1560           |
| 6113  |       | 9.0   | 2 19.42                                            | 3.076              | 0.004               | 0 22 42. 5           | 17. 47  | 0. 22     | 1422           |
| 6114  |       |       | 19.30                                              |                    |                     | 43. 3                |         |           | 1706           |
| 6115  | 9035  | 9.0   | 2 31.83                                            | 3.091              | 0.005               | —1 36 29. 2          | 17. 48  | 0. 22     | 1738           |
| 6116* |       |       | 31.69                                              |                    |                     | 31. 3                |         |           | 5746           |
| 6117  | 9040  | 8.9   | 2 59.94                                            | 3.072              | 0.004               | +0 4 35. 9           | 17. 50  | 0. 22     | 1480           |
| 6118  |       |       | 59.90                                              |                    |                     | 35. 8                |         |           | 1653           |
| 6119  | 9046  | 9.0   | 22 3 11.99                                         | 3.073              | —0.004              | —0 5 10. 5           | +17. 50 | +0. 21    | 1164           |
| 6120  |       |       | 12.00                                              |                    |                     | 9. 8                 |         |           | 1598           |

6079. Der vorangehende u. südl. von 2 \* 9<sup>m</sup> 3, d=40". Lamont No. 8654. — 6080. Dieser u. der vorhergehende \* sind in der B. D. als nur 1 \* 8<sup>m</sup> 8 angegeben. — 6095. α Aquar. — 6096. Durch Wolken, an 3 F. — 6103. Dupl. — 6104. Eng dupl., d=1" 5. Helligkeit 8<sup>m</sup> 3 u. 9<sup>m</sup> 0. praec. beob. — 6105. Eng dupl. im Parallel, d=1" 5, beide 8<sup>m</sup> 5. — 6108. B. D. — 1° N. 4253. — 6116. An 3 schlecht stimmenden Fäden. Decl. unsicher.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 6121  | 9054  | 8.9 | 22 <sup>h</sup> 4 <sup>m</sup> 51 <sup>s</sup> 35 | 3 <sup>s</sup> 074 | —0 <sup>s</sup> 004 | —0° 9' 48" 6         | +17" 58 | +0" 21    | 1065           |
| 6122  |       |     | 51.49                                             |                    |                     | 50. 8                |         |           | 723            |
| 6123  |       |     | 5 10.43                                           | 3.091              | 0.005               | 1 37 11. 4           | 17. 59  | 0. 21     | 1269           |
| 6124  |       |     | 10.04                                             |                    |                     | 13. 0                |         |           | 1561           |
| 6125  |       |     | 5 21.89                                           | 3.093              | 0.005               | 1 51 33. 7           | 17. 60  | 0. 21     | 1423           |
| 6126  | 9058  | 8.3 | 22.10                                             |                    |                     | 36. 5                |         |           | 1654           |
| 6127  |       |     | 5 27.09                                           | 3.084              | 0.003               | 0 58 38. 8           | 17. 60  | 0. 21     | 1481           |
| 6128  |       |     | 26.80                                             |                    |                     | 37. 3                |         |           | 1676           |
| 6129  |       |     | 5 27.20                                           | 3.087              | 0.004               | 1 20 10. 4           | 17. 60  | 0. 21     | 1165           |
| 6130  |       |     | 27.05                                             |                    |                     | 9. 0                 |         |           | 1707           |
| 6131* |       | 9.0 | 6 36.33                                           | 3.093              | 0.004               | 1 51 56. 7           | 17. 65  | 0. 21     | 1874           |
| 6132  |       |     | 36.71                                             |                    |                     | 52. 9                |         |           | 1708           |
| 6133  |       |     | 6 41.15                                           | 3.087              | 0.004               | 1 19 12. 3           | 17. 65  | 0. 21     | 1066           |
| 6134  |       |     | 41.22                                             |                    |                     | 13. 8                |         |           | 1270           |
| 6135  |       |     | 41.13                                             |                    |                     | 11. 9                |         |           | 1424           |
| 6136  | 9074  | 7.4 | 41.04                                             |                    |                     | 14. 0                |         |           | 1516           |
| 6137  |       |     | 41.18                                             |                    |                     | 12. 4                |         |           | 1599           |
| 6138  |       |     | 6 55.86                                           | 3.077              | 0.003               | 0 22 32. 7           | 17. 66  | 0. 21     | 1482           |
| 6139  |       |     | 55.81                                             |                    |                     | 32. 0                |         |           | 1752           |
| 6140  |       |     | 7 43.06                                           | 3.086              | 0.004               | 1 16 35. 9           | 17. 70  | 0. 21     | 1166           |
| 6141  | 9077  | 9.0 | 43.20                                             |                    |                     | 37. 3                |         |           | 724            |
| 6142  |       |     | 7 51.37                                           | 3.074              | 0.003               | 0 12 3. 8            | 17. 70  | 0. 20     | 1739           |
| 6143  |       |     | 51.46                                             |                    |                     | 6. 7                 |         |           | 524            |
| 6144  |       |     | 7 57.53                                           | 3.079              | 0.003               | 0 34 11. 6           | 17. 71  | 0. 20     | 1483           |
| 6145  |       |     | 57.45                                             |                    |                     | 13. 4                |         |           | 1562           |
| 6146  | 9081  | 8.8 | 8 16.81                                           | 3.093              | 0.004               | 1 53 39. 8           | 17. 72  | 0. 20     | 1875           |
| 6147  |       |     | 16.71                                             |                    |                     | 39. 6                |         |           | 1655           |
| 6148  |       |     | 8 19.41                                           | 3.083              | 0.003               | 1 0 6. 0             | 17. 72  | 0. 20     | 1812           |
| 6149  |       |     | 19.20                                             |                    |                     | 4. 4                 |         |           | 1677           |
| 6150  |       |     | 8 20.71                                           | 3.088              | 0.004               | 1 24 30. 8           | 17. 72  | 0. 20     | 1740           |
| 6151  |       | 9.0 | 21.00                                             |                    |                     | 33. 9                |         |           | 1753           |
| 6152  |       |     | 9 10.23                                           | 3.078              | 0.003               | 0 27 31. 2           | 17. 75  | 0. 20     | 1067           |
| 6153  |       |     | 10.20                                             |                    |                     | 34. 0                |         |           | 1754           |
| 6154  |       |     | 9 24.60                                           | 3.089              | 0.004               | 1 33 24. 1           | 17. 76  | 0. 20     | 1271           |
| 6155  |       |     | 24.60                                             |                    |                     | 24. 7                |         |           | 1600           |
| 6156  | 9092  | 8.5 | 9 29.17                                           | 3.079              | 0.003               | 0 35 1. 4            | 17. 77  | 0. 20     | 1167           |
| 6157  |       |     | 29.51                                             |                    |                     | 3. 9                 |         |           | 1563           |
| 6158  |       |     | 10 6.93                                           | 3.082              | 0.003               | 0 57 13. 5           | 17. 79  | 0. 20     | 1425           |
| 6159  |       |     | 7.10                                              |                    |                     | 12. 8                |         |           | 1709           |
| 6160  |       |     | 10 21.71                                          | 3.073              | 0.003               | 0 5 48. 5            | 17. 80  | 0. 20     | 1876           |
| 6161  | 9105  | 8.5 | 21.56                                             |                    |                     | 45. 4                |         |           | 1678           |
| 6162* |       |     | 10 54.22                                          | 3.086              | 0.004               | 1 19 37. 2           | 17. 84  | 0. 20     | 1272           |
| 6163* |       |     | 54.20                                             |                    |                     | 36. 1                |         |           | 2033           |
| 6164  |       |     | 22 11 39.65                                       | 3.081              | —0.003              | —0 51 35. 9          | +17. 86 | +0. 20    | 1331           |
| 6165  |       |     | 39.70                                             |                    |                     | 36. 2                |         |           | 1564           |

6131. Fäden stimmen schlecht. — 6162. Duplex, beide 9<sup>m</sup>0, d = 8", südlicheren beob. — 6163. Duplex, beide 9<sup>m</sup>2, d = 5", südlicheren beob.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec.             | Var. sec.           | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------------------|---------------------|----------------------|---------|-----------|----------------|
| 6166  |       | 7.0 | 22 <sup>h</sup> 11 <sup>m</sup> 41 <sup>s</sup> 35 | 3 <sup>s</sup> 090 | —0 <sup>s</sup> 004 | —1° 44' 34" 2        | +17" 85 | +0" 20    | 1168           |
| 6167  |       |     | 41.49                                              |                    |                     | 35. 2                |         |           | 1601           |
| 6168  |       | 8.8 | 11 51.41                                           | 3.084              | 0.004               | 1 6 7. 8             | 17. 86  | 0. 20     | 1426           |
| 6169  |       |     | 51.76                                              |                    |                     | 10. 2                |         |           | 1656           |
| 6170  |       | 7.8 | 12 3.03                                            | 3.090              | 0.004               | 1 44 56. 4           | 17. 87  | 0. 20     | 1517           |
| 6171  |       |     | 3.04                                               |                    |                     | 54. 9                |         |           | 1679           |
| 6172  | 9117  | 9.0 | 12 49.57                                           | 3.073              | 0.003               | 0 6 22. 6            | 17. 90  | 0. 20     | 1068           |
| 6173  |       |     | 49.58                                              |                    |                     | 21. 2                |         |           | 1710           |
| 6174  |       | 8.8 | 13 13.35                                           | 3.085              | 0.004               | 1 13 24. 4           | 17. 92  | 0. 20     | 1169           |
| 6175  |       |     | 13.34                                              |                    |                     | 28. 4                |         |           | 725            |
| 6176  |       | 7.6 | 14 3.90                                            | 3.079              | 0.003               | 0 41 40. 5           | 17. 95  | 0. 19     | 1332           |
| 6177  |       |     | 3.85                                               |                    |                     | 42. 6                |         |           | 1565           |
| 6178  | 9130  | 9.0 | 14 12.31                                           | 3.084              | 0.004               | 1 8 35. 5            | 17. 96  | 0. 19     | 1273           |
| 6179  |       |     | 12.14                                              |                    |                     | 37. 0                |         |           | 525            |
| 6180  |       | 8.3 | 14 16.66                                           | 3.073              | 0.003               | 0 4 53. 3            | 17. 96  | 0. 19     | 1484           |
| 6181  |       |     | 16.66                                              |                    |                     | 51. 0                |         |           | 1680           |
| 6182  |       | 9.0 | 14 31.69                                           | 3.077              | 0.003               | —0 28 21. 2          | 17. 97  | 0. 19     | 1427           |
| 6183  |       |     | 32.09                                              |                    |                     | 21. 3                |         |           | 1602           |
| 6184  |       | 8.6 | 14 36.72                                           | 3.072              | 0.003               | +0 2 39. 4           | 17. 97  | 0. 19     | 1069           |
| 6185  |       |     | 36.84                                              |                    |                     | 40. 2                |         |           | 1657           |
| 6186  | 9139  | 8.0 | 15 17.36                                           | 3.072              | 0.003               | +0 0 53. 9           | 18. 00  | 0. 19     | 1070           |
| 6187  |       |     | 17.57                                              |                    |                     | 53. 6                |         |           | 726            |
| 6188* |       | 8.8 | 15 58.01                                           | 3.078              | 0.003               | —0 32 —              | 18. 02  | 0. 19     | 1170           |
| 6189  |       |     | 58.03                                              |                    |                     | 43. 4                |         |           | 1566           |
| 6190  |       |     | 57.97                                              |                    |                     | 44. 0                |         |           | 5747           |
| 6191  | 9151  | 7.5 | 17 4.11                                            | 3.072              | 0.003               | 0 1 17. 8            | 18. 07  | 0. 19     | 1171           |
| 6192  |       |     | 4.09                                               |                    |                     | 20. 5                |         |           | 1603           |
| 6193  | 9154  | 8.2 | 17 19.51                                           | 3.073              | 0.003               | 0 4 25. 6            | 18. 08  | 0. 19     | 1274           |
| 6194  |       |     | 19.33                                              |                    |                     | 25. 9                |         |           | 1567           |
| 6195  | 9162  | 7.5 | 18 8.90                                            | 3.090              | 0.004               | 1 49 15. 4           | 18. 11  | 0. 18     | 1332           |
| 6196  |       |     | 8.73                                               |                    |                     | 16. 5                |         |           | 526            |
| 6197  | 9167  | 8.7 | 18 55.20                                           | 3.079              | 0.003               | 0 38 37. 4           | 18. 13  | 0. 18     | 1071           |
| 6198  |       |     | 55.13                                              |                    |                     | 38. 1                |         |           | 727            |
| 6199  |       | 8.8 | 19 19.57                                           | 3.087              | 0.004               | 1 28 4. 0            | 18. 15  | 0. 18     | 1172           |
| 6200  |       |     | 19.54                                              |                    |                     | 4. 2                 |         |           | 1275           |
| 6201  |       |     | 19.63                                              |                    |                     | 7. 1                 |         |           | 1568           |
| 6202  | 9173  | 8.3 | 20 4.74                                            | 3.085              | 0.004               | —1 12 6. 2           | 18. 18  | 0. 18     | 1334           |
| 6203  |       |     | 4.90                                               |                    |                     | 6. 2                 |         |           | 1604           |
| 6204  |       | 9.0 | 20 28 18                                           | 3.071              | 0.003               | +0 5 7. 5            | 18. 19  | 0. 18     | 1428           |
| 6205  |       |     | 28.04                                              |                    |                     | 4. 3                 |         |           | 1658           |
| 6206  | 9179  | 8.8 | 20 46.68                                           | 3.081              | 0.003               | —0 56 45. 0          | 18. 20  | 0. 18     | 1072           |
| 6207  |       |     | 46.62                                              |                    |                     | 45. 4                |         |           | 1569           |
| 6208* | 9188  | 3.3 | 22 23.58                                           | 3.079              | 0.003               | 0 39 32. 2           | 18. 26  | 0. 18     | 1335           |
| 6209  |       |     | 23.83                                              |                    |                     | 32. 0                |         |           | 1605           |
| 6210  |       | 8.8 | 22 22 25.70                                        | 3.086              | —0.004              | —1 25 23. 0          | +18. 26 | +0. 18    | 1173           |

6188. Die Beobachtung giebt — 0° 32' 13" 7. Es ist nicht ersichtlich wie ein Fehler von + 30" entstanden sein könnte. — 6208. ζ Aquarii. Duplex, Mitte beob.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 6211  | 9195  | 8.5 | 22 <sup>h</sup> 22 <sup>m</sup> 25 <sup>s</sup> 85 | 3.082  | —0.003    | —1° 25' 19" 8        | +18" 28 | +0" 17    | 527            |
| 6212  |       |     | 22 52.62                                           |        |           | 1 2 30. 7            |         |           | 1073           |
| 6213  |       |     | 52.85                                              |        |           | 31. 8                |         |           | 1659           |
| 6214  | 9199  | 8.5 | 23 7.14                                            | 3.080  | 0.003     | 0 50 37. 0           | 18. 29  | 0. 17     | 1518           |
| 6215  |       |     | 7.42                                               |        |           | 35. 9                |         |           | 1755           |
| 6216  |       |     |                                                    |        |           |                      |         |           |                |
| 6217* |       | 9.0 | 23 8.82                                            | 3.078  | 0.003     | 0 37 49. 9           | 18. 29  | 0. 17     | 1485           |
| 6218  |       | 8.5 | 8.72                                               |        |           | 48. 2                |         |           | 1681           |
| 6219  |       |     | 27.93                                              |        |           | 1 18 17. 4           |         |           | 1276           |
| 6220  |       |     | 27.75                                              |        |           | 15. 1                |         |           | 6005           |
|       |       |     | 27.81                                              |        |           | 17. 8                |         |           | 1570           |
| 6221  | 9204  | 7.7 | 23 45.55                                           | 3.077  | 0.003     | 0 30 1. 3            | 18. 31  | 0. 17     | 1741           |
| 6222  | 9205  | 8.3 | 45.76                                              | 3.086  | 0.004     | 3. 2                 | 18. 32  | 0. 17     | 1606           |
| 6223  |       |     | 56.68                                              |        |           | 1 22 35. 9           |         |           | 1519           |
| 6224  |       |     | 56.64                                              |        |           | 31. 6                |         |           | 6006           |
| 6225  |       |     | 56.84                                              |        |           | 34. 6                |         |           | 1660           |
| 6226* |       | 8.8 | 56.80                                              | 3.088  | 0.004     | 33. 4                | 18. 32  | 0. 17     | 5748           |
| 6227  |       |     | 4.68                                               |        |           | 1 42 27. 0           |         |           | 1429           |
| 6228  |       |     | 4.86                                               |        |           | 27. 3                |         |           | 1682           |
| 6229  |       | 9.0 | 16.00                                              |        |           | 0 19 42. 1           |         |           | 1486           |
| 6230  |       |     | 16.09                                              |        |           | 41. 6                |         |           | 1711           |
| 6231  |       | 8.7 | 24 29.07                                           | 3.082  | 0.004     | 1 6 9. 6             | 18. 34  | 0. 17     | 1074           |
| 6232  |       | 8.8 | 29.02                                              |        |           | 12. 1                |         |           | 2030           |
| 6233  |       |     | 58.21                                              |        |           | 0 24 26. 2           |         |           | 1174           |
| 6234  |       |     | 57.98                                              |        |           | 26. 4                |         |           | 1712           |
| 6235* |       | 8.8 | 25 41.26                                           | 3.075  | 0.003     | 0 14 46. 1           | 18. 38  | 0. 17     | 1336           |
| 6236  |       | 8.8 | 41.08                                              | 3.086  | 0.004     | 46. 8                | 18. 40  | 0. 17     | 528            |
| 6237  |       |     | 15.61                                              |        |           | 1 24 57. 4           |         |           | 1430           |
| 6238  |       |     | 15.45                                              |        |           | 61. 4                |         |           | 1571           |
| 6239* |       | 8.5 | 15.45                                              |        |           | 59. 1                |         |           | 5749           |
| 6240  |       |     | 47.35                                              |        |           | 1 33 13. 9           | 18. 42  | 0. 17     | 1075           |
| 6241  |       | 8.7 | 47.53                                              | 3.086  | 0.004     | 14. 5                | 18. 43  | 0. 17     | 728            |
| 6242  |       |     | 47.66                                              |        |           | 14. 4                |         |           | 1607           |
| 6243  |       |     | 59.81                                              |        |           | 1 30 26. 1           |         |           | 1175           |
| 6244  |       | 8.7 | 59.53                                              |        |           | 26. 2                |         |           | 1661           |
| 6245  |       |     | 58.71                                              |        |           | 0 22 24. 1           | 18. 43  | 0. 17     | 1487           |
| 6246  |       | 8.6 | 58.74                                              | 3.081  | 0.003     | 22. 4                | 18. 43  | 0. 17     | 1683           |
| 6247  |       |     | 0.11                                               |        |           | 0 57 21. 1           |         |           | 1520           |
| 6248  |       |     | 0.15                                               |        |           | 19. 2                |         |           | 1713           |
| 6249  |       | 7.5 | 12.31                                              |        |           | 0 2 47. 5            |         |           | 1176           |
| 6250  |       |     | 12.28                                              |        |           | 48. 5                |         |           | 1608           |
| 6251* | 9234  | 9.0 | 28 28.45                                           | 3.080  | 0.003     | 0 57 17. 2           | 18. 48  | 0. 16     | 1277           |
| 6252* |       | 3.9 | 28.26                                              |        |           | 25. 6                |         |           | 6007           |
| 6253* |       |     | 56.06                                              |        |           | 0 45 40. 1           |         |           | 1076           |
| 6254  |       |     | 56.06                                              |        |           | 40. 8                |         |           | 1662           |
| 6255  |       | 9.0 | 22 29 46.72                                        | 3.077  | —0.003    | —0 28 35. 4          | +18. 52 | +0. 16    | 1488           |

6217. Sehr schwach — 6226. Fäden stimmen schlecht. — 6235. Sehr schwach, — 6239. Fäden stimmen schlecht. — 6251. Sehr schwach. — 6252. \* kaum zu sehen, an 1 Faden, Decl. sehr schlecht, \* war aber doch zwischen den Fäden. — 6253. Schj.'s Decl. bedarf einer Correction von —1'.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 6256  |       |     | 22 <sup>h</sup> 29 <sup>m</sup> 46 <sup>s</sup> 51 |        |           | —0° 28' 36" 1        |         |           | 1609           |
| 6257  |       | 9.0 | 29 54.18                                           | 3.081  | —0.003    | 1 2 5.4              | +18" 52 | +0" 16    | 529            |
| 6258* |       | 8.2 | 29 54.43                                           | 3.080  | 0.003     | 0 49 59.0            | 18. 52  |           | 1337           |
| 6259  |       |     | 54.14                                              |        |           | 56. 7                |         | 0. 16     | 729            |
| 6260  |       | 9.0 | 29 57.01                                           | 3.087  | 0.004     | 1 40 29. 2           | 18. 53  |           | 1684           |
| 6261  |       | 8.8 | 30 8.55                                            | 3.083  | 0.004     | 1 12 33. 1           | 18. 53  | 0. 16     | 1431           |
| 6262  |       |     | 8.45                                               |        |           | 37. 7                |         |           | 1714           |
| 6263  |       | 8.8 | 30 12.01                                           | 3.082  | 0.003     | 1 3 55. 2            | 18. 53  | 0. 16     | 1521           |
| 6264  |       |     | 12.02                                              |        |           | 55. 1                |         |           | 1877           |
| 6265  |       |     | 11.98                                              |        |           | 55. 0                |         |           | 1572           |
| 6266  | 9246  | 8.0 | 30 15.95                                           | 3.074  | 0.003     | 0 16 59. 1           | 18. 54  | 0. 16     | 1077           |
| 6267  |       |     | 15.97                                              |        |           | 57. 5                |         |           | 1177           |
| 6268  |       |     | 15.87                                              |        |           | 57. 7                |         |           | 2031           |
| 6269  |       | 8.6 | 30 52.68                                           | 3.079  | 0.003     | 0 45 30. 1           | 18. 56  | 0. 16     | 1278           |
| 6270* |       |     | 52.75                                              |        |           | 30. 8                |         |           | 1756           |
| 6271* |       | 9.0 | 31 7.28                                            | 3.089  | 0.004     | 1 53 18. 5           | 18. 57  | 0. 16     | 1742           |
| 6272* |       |     | 7.01                                               |        |           | 21. 0                |         |           | 5295           |
| 6273* |       |     | —                                                  |        |           | 18. 8                |         |           | 5750           |
| 6274  |       | 8.8 | 32 24.36                                           | 3.080  | 0.003     | 0 55 41. 0           | 18. 61  | 0. 16     | 1178           |
| 6275  |       |     | 24.41                                              |        |           | 41. 3                |         |           | 1573           |
| 6276  | 9262  | 8.3 | 32 51.15                                           | 3.084  | 0.004     | 1 21 53. 9           | 18. 62  | 0. 16     | 1432           |
| 6277  |       |     | 51.46                                              |        |           | 56. 2                |         |           | 730            |
| 6278  |       |     | 51.15                                              |        |           | 59. 4                |         |           | 5296           |
| 6279  | 9274  | 9.0 | 33 43.07                                           | 3.079  | 0.003     | 0 47 46. 7           | 18. 65  | 0. 16     | 1489           |
| 6280  |       |     | 43.05                                              |        |           | 47. 0                |         |           | 1610           |
| 6281  | 9277  | 8.1 | 34 12.23                                           | 3.079  | 0.003     | 0 43 23. 1           | 18. 67  | 0. 16     | 1522           |
| 6282  |       |     | 12.32                                              |        |           | 21. 9                |         |           | 1663           |
| 6283  |       | 9.0 | 35 13.14                                           | 3.076  | 0.003     | 0 32 15. 7           | 18. 70  | 0. 16     | 1813           |
| 6284  |       |     | 13.10                                              |        |           | 15. 0                |         |           | 530            |
| 6285  |       | 8.3 | 35 58.77                                           | 3.084  | 0.003     | 1 26 41. 1           | 18. 72  | 0. 16     | 1490           |
| 6286  |       |     | 58.50                                              |        |           | 42. 5                |         |           | 1574           |
| 6287  | 9291  | 7.7 | 36 18.13                                           | 3.077  | 0.002     | 0 34 56. 3           | 18. 73  | 0. 16     | 1523           |
| 6288  |       |     | 18.43                                              |        |           | 55. 9                |         |           | 731            |
| 6289  |       | 7.5 | 36 24.67                                           | 3.076  | 0.002     | 0 25 19. 5           | 18. 73  | 0. 16     | 1878           |
| 6290  |       |     | 24.64                                              |        |           | 18. 3                |         |           | 1685           |
| 6291  |       | 8.0 | 36 32.57                                           | 3.074  | 0.002     | 0 14 44. 0           | 18. 74  | 0. 16     | 1179           |
| 6292  |       |     | 32.58                                              |        |           | 46. 4                |         |           | 1611           |
| 6293  |       | 9.0 | 36 46.07                                           | 3.075  | 0.002     | 0 17 58. 0           | 18. 75  | 0. 16     | 1814           |
| 6294  |       |     | 46.06                                              |        |           | 58. 9                |         |           | 1664           |
| 6295  |       | 8.3 | 37 46.43                                           | 3.085  | 0.003     | 1 36 29. 8           | 18. 78  | 0. 15     | 1279           |
| 6296  |       |     | 46.54                                              |        |           | 31. 8                |         |           | 1575           |
| 6297  |       | 8.5 | 37 52.93                                           | 3.082  | 0.003     | 1 10 26. 7           | 18. 78  | 0. 15     | 1433           |
| 6298  |       |     | 53.22                                              |        |           | 27. 8                |         |           | 1715           |
| 6299  |       | 8.8 | 22 38 27.07                                        | 3.082  | —0.003    | —1 8 28. 3           | +18. 80 | +0. 15    | 1078           |
| 6300  |       |     | 27.06                                              |        |           | 28. 4                |         |           | 531            |

6258. An 7 Fäden. — 6270. Es folgt ein schwächerer \* nördlich,  $d = 40''$ . — 6271. Sehr schwach. —  
 6272. Secunde der A. R. zweifelhaft. — 6273. Keine A. R.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                              | Praec.              | Var. sec.            | Declination<br>1875. | Praec.   | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|-----------------------------------------------------|---------------------|----------------------|----------------------|----------|-----------|----------------|
| 6301 | 9307  | 7.5 | 22 <sup>h</sup> 38 <sup>m</sup> 33 <sup>s</sup> .85 | 3 <sup>s</sup> .084 | —0 <sup>s</sup> .003 | —1° 23' 20'' 1       | +18'' 80 | +0'' 15   | 1524           |
| 6302 |       |     | 34.03                                               |                     |                      | 19. 7                |          |           | 1665           |
| 6303 | 9310  | 9.0 | 38 51.87                                            | 3.074               | 0.002                | 0 16 17. 1           | 18. 81   | 0. 15     | 1491           |
| 6304 |       |     | 51.89                                               |                     |                      | 17. 4                |          |           | 1612           |
| 6305 | 9313  | 8.2 | 38 54.29                                            | 3.088               | 0.003                | 1 50 4. 0            | 18. 81   | 0. 15     | 1815           |
| 6306 |       |     | 54.26                                               |                     |                      | 3. 1                 |          |           | 1686           |
| 6307 |       | 7.8 | 39 24.14                                            | 3.085               | 0.003                | 1 35 23. 9           | 18. 83   | 0. 15     | 1280           |
| 6308 |       |     | 24.15                                               |                     |                      | 24. 2                |          |           | 732            |
| 6309 |       | 9.0 | 39 48.52                                            | 3.076               | 0.002                | 0 31 1. 6            | 18. 84   | 0. 15     | 1180           |
| 6310 |       |     | 48.37                                               |                     |                      | 5. 8                 |          |           | 1666           |
| 6311 |       | 9.0 | 43 11.22                                            | 3.076               | 0.002                | 0 24 54. 6           | 18. 94   | 0. 15     | 1079           |
| 6312 |       |     | 10.93                                               |                     |                      | 54. 9                |          |           | 532            |
| 6313 | 9350  | 8.6 | 43 28.43                                            | 3.079               | 0.002                | 0 47 49. 5           | 18. 95   | 0. 15     | 1181           |
| 6314 |       |     | 28.27                                               |                     |                      | 51. 0                |          |           | 783            |
| 6315 | 9358  | 7.5 | 44 17.25                                            | 3.082               | 0.003                | 1 14 21. 9           | 18. 97   | 0. 14     | 1281           |
| 6316 |       |     | 17.48                                               |                     |                      | 23. 4                |          |           | 550            |
| 6317 |       | 9.0 | 47 6.81                                             | 3.081               | 0.003                | 1 11 59. 8           | 19. 05   | 0. 14     | 1080           |
| 6318 |       |     | 6.68                                                |                     |                      | 61. 9                |          |           | 1613           |
| 6319 |       | 9.0 | 47 28.92                                            | 3.074               | 0.002                | 0 9 13. 4            | 19. 06   | 0. 14     | 1492           |
| 6320 |       |     | 28.73                                               |                     |                      | 11. 9                |          |           | 533            |
| 6321 | 9390  | 8.5 | 47 50.23                                            | 3.074               | 0.002                | 0 14 56. 5           | 19. 07   | 0. 13     | 1525           |
| 6322 |       |     | 50.18                                               |                     |                      | 57. 3                |          |           | 1576           |
| 6323 |       | 7.5 | 47 52.55                                            | 3.085               | 0.003                | —1 42 46. 8          | 19. 07   | 0. 13     | 1816           |
| 6324 |       |     | 52.74                                               |                     |                      | 46. 1                |          |           | 734            |
| 6325 |       | 9.0 | 48 21.34                                            | 3.072               | 0.002                | +0 3 25. 1           | 19. 08   | 0. 13     | 1493           |
| 6326 |       |     | 21.30                                               |                     |                      | 26. 4                |          |           | 1667           |
| 6327 |       | 8.3 | 48 31.73                                            | 3.083               | 0.003                | —1 26 54. 5          | 19. 09   | 0. 13     | 1182           |
| 6328 |       |     | 32.06                                               |                     |                      | 55. 9                |          |           | 1687           |
| 6329 |       | 8.8 | 48 41.06                                            | 3.084               | 0.003                | 1 42 22. 4           | 19. 09   | 0. 13     | 1081           |
| 6330 |       |     | 41.02                                               |                     |                      | 23. 7                |          |           | 1716           |
| 6331 |       | 8.5 | 50 33.90                                            | 3.080               | 0.003                | 1 9 54. 2            | 19. 14   | 0. 13     | 1082           |
| 6332 |       |     | 33.99                                               |                     |                      | 56. 6                |          |           | 1577           |
| 6333 |       | 8.8 | 51 56.02                                            | 3.081               | 0.003                | 1 14 21. 2           | 19. 18   | 0. 13     | 1183           |
| 6334 |       |     | 56.01                                               |                     |                      | 23. 1                |          |           | 534            |
| 6335 | 9428  | 7.5 | 52 27.67                                            | 3.079               | 0.002                | 0 59 9. 4            | 19. 19   | 0. 13     | 1083           |
| 6336 |       |     | 27.95                                               |                     |                      | 8. 1                 |          |           | 735            |
| 6337 |       | 8.0 | 52 43.06                                            | 3.085               | 0.003                | 1 51 0. 7            | 19. 20   | 0. 13     | 1282           |
| 6338 |       |     | 43.07                                               |                     |                      | 3. 2                 |          |           | 1578           |
| 6339 |       | 9.0 | 53 5.57                                             | 3.083               | 0.002                | 1 33 59. 0           | 19. 21   | 0. 12     | 1434           |
| 6340 |       |     | 5.49                                                |                     |                      | 60. 3                |          |           | 1614           |
| 6341 |       | 8.8 | 53 11.81                                            | 3.074               | 0.002                | 0 16 31. 1           | 19. 21   | 0. 12     | 1494           |
| 6342 |       |     | 11.63                                               |                     |                      | 32. 8                |          |           | 1668           |
| 6343 |       | 8.7 | 54 12.74                                            | 3.079               | 0.003                | 1 4 12. 7            | 19. 23   | 0. 12     | 1879           |
| 6344 |       |     | 12.63                                               |                     |                      | 13. 8                |          |           | 1688           |
| 6345 | 9444  | 6.8 | 22 54 13.09                                         | 3.075               | —0.002               | —0 29 7. 7           | +19. 23  | +0. 12    | 2340           |



| Nro. | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 6346 |       |     | 22 <sup>h</sup> 54 <sup>m</sup> 13 <sup>s</sup> 35 |        |           | —0° 29' 6" 2         |         |           | 1615           |
| 6347 |       | 8.3 | 54 58.58                                           | 3.076  | —0.002    | 0 32 57.5            | +19" 25 | +0" 12    | 1283           |
| 6348 |       |     | 58.53                                              |        |           | 59. 1                |         |           | 1579           |
| 6349 |       | 8.7 | 55 37.00                                           | 3.085  | 0.003     | 1 52 52.6            | 19. 27  | 0. 12     | 1084           |
| 6350 |       |     | 37.03                                              |        |           | 51. 6                |         |           | 535            |
| 6351 |       | 8.8 | 55 38.82                                           | 3.074  | 0.001     | 0 16 21.0            | 19. 27  | 0. 12     | 1184           |
| 6352 |       |     | 38.92                                              |        |           | 21. 9                |         |           | 1495           |
| 6353 |       |     | 38.76                                              |        |           | 24. 1                |         |           | 1669           |
| 6354 | 9458  | 7.8 | 56 0.65                                            | 3.074  | 0.001     | 0 14 3.4             | 19. 28  | 0. 12     | 1435           |
| 6355 |       |     | 0.76                                               |        |           | 7. 2                 |         |           | 736            |
| 6356 |       | 8.2 | 56 1.83                                            | 3.080  | 0.002     | 1 16 9.9             | 19. 28  | 0. 12     | 2341           |
| 6357 |       |     | 1.67                                               |        |           | 9. 4                 |         |           | 1689           |
| 6358 |       | 9.0 | 56 4.79                                            | 3.074  | 0.001     | 0 16 6.0             | 19. 28  | 0. 12     | 1880           |
| 6359 |       |     | 4.63                                               |        |           | 7. 0                 |         |           | 1616           |
| 6360 |       | 8.8 | 56 26.32                                           | 3.079  | 0.001     | 0 58 50.2            | 19. 29  | 0. 12     | 5148           |
| 6361 |       |     | 26.48                                              |        |           | 49. 1                |         |           | 1717           |
| 6362 | 9466  | 7.7 | 56 44.42                                           | 3.079  | 0.002     | 1 5 41.5             | 19. 29  | 0. 12     | 1185           |
| 6363 |       |     | 44.33                                              |        |           | 46. 0                |         |           | 1580           |
| 6364 |       |     | 44.34                                              |        |           | 44. 3                |         |           | 2272           |
| 6365 | 9467  | 9.0 | 57 12.03                                           | 3.078  | 0.001     | 0 55 54.3            | 19. 31  | 0. 12     | 1085           |
| 6366 |       |     | 12.09                                              |        |           | 56. 1                |         |           | 1670           |
| 6367 |       | 9.0 | 57 42.51                                           | 3.084  | 0.002     | 1 49 23.2            | 19. 32  | 0. 12     | 1436           |
| 6368 |       |     | 42.22                                              |        |           | 26. 0                |         |           | 1690           |
| 6369 |       | 9.0 | 58 2.68                                            | 3.080  | 0.002     | 1 12 32.6            | 19. 33  | 0. 11     | 1186           |
| 6370 |       |     | 2.83                                               |        |           | 36. 3                |         |           | 1617           |
| 6371 |       | 9.0 | 58 37.17                                           | 3.085  | 0.002     | 1 52 24.3            | 19. 34  | 0. 11     | 1086           |
| 6372 |       |     | 37.27                                              |        |           | 25. 8                |         |           | 1718           |
| 6373 |       | 9.0 | 22 59 21.68                                        | 3.080  | 0.002     | 1 11 36.2            | 19. 36  | 0. 11     | 1187           |
| 6374 |       |     | 21.50                                              |        |           | 39. 5                |         |           | 1671           |
| 6375 | 9491  | 8.8 | 23 0 9.95                                          | 3.077  | 0.001     | 0 52 12.1            | 19. 37  | 0. 11     | 1087           |
| 6376 |       |     | 10.02                                              |        |           | 12. 1                |         |           | 737            |
| 6377 | 9501  | 7.2 | 1 21.25                                            | 3.078  | 0.001     | 0 58 18.7            | 19. 40  | 0. 11     | 1188           |
| 6378 |       |     | 21.28                                              |        |           | 18. 3                |         |           | 1581           |
| 6379 |       | 7.5 | 2 0.63                                             | 3.079  | 0.002     | 1 10 30.9            | 19. 42  | 0. 11     | 1984           |
| 6380 |       |     | 0.58                                               |        |           | 29. 4                |         |           | 1757           |
| 6381 |       | 9.0 | 2 19.08                                            | 3.083  | 0.002     | 1 52 2.2             | 19. 42  | 0. 11     | 1881           |
| 6382 |       |     | 19.34                                              |        |           | 2. 9                 |         |           | 2189           |
| 6383 |       | 9.0 | 2 30.37                                            | 3.073  | 0.001     | 0 6 39.5             | 19. 43  | 0. 11     | 2342           |
| 6384 |       |     | 30.29                                              |        |           | 37. 8                |         |           | 2234           |
| 6385 | 9528  | 8.8 | 4 26.84                                            | 3.074  | 0.001     | 0 15 29.9            | 19. 47  | 0. 10     | 1882           |
| 6386 |       |     | 26.72                                              |        |           | 27. 5                |         |           | 2190           |
| 6387 |       | 8.8 | 5 16.39                                            | 3.082  | 0.002     | 1 48 48.6            | 19. 49  | 0. 10     | 2360           |
| 6388 |       |     | 16.22                                              |        |           | 48. 3                |         |           | 2235           |
| 6389 |       | 8.5 | 23 5 20.82                                         | 3.075  | —0.001    | —0 27 19.0           | +19. 49 | +0. 10    | 1985           |
| 6390 |       |     | 21.08                                              |        |           | 18. 1                |         |           | 2273           |



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                            | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|---------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 6391  | 9538  | 8.7 | 23 <sup>h</sup> 5 <sup>m</sup> 44 <sup>s</sup> 90 | 3.077  | —0.001    | —0° 52' 34" 4        | +19" 49 | +0" 10    | 1883           |
| 6392  |       |     | 44.93                                             |        |           | 34. 8                |         |           | 2191           |
| 6393  |       | 9.0 | 6 33.66                                           | 3.080  | 0.002     | 1 28 27. 7           | 19. 51  | 0. 10     | 5149           |
| 6394  |       |     | 33.79                                             |        |           | 26. 1                |         |           | 2236           |
| 6395  |       | 7.7 | 6 35.89                                           | 3.076  | 0.001     | 0 38 54. 8           | 19. 51  | 0. 10     | 1986           |
| 6396  |       |     | 36.17                                             |        |           | 54. 3                |         |           | 2274           |
| 6397  | 9548  | 8.7 | 6 40.18                                           | 3.078  | 0.002     | 1 6 52. 4            | 19. 51  | 0. 10     | 2343           |
| 6398  |       |     | 40.30                                             |        |           | 52. 5                |         |           | 1758           |
| 6399  |       | 9.0 | 7 47.27                                           | 3.077  | 0.001     | 0 57 0. 3            | 19. 54  | 0. 09     | 1884           |
| 6400  |       |     | 47.50                                             |        |           | 1. 0                 |         |           | 2192           |
| 6401  |       | 8.7 | 8 29.46                                           | 3.082  | 0.002     | 1 44 11. 8           | 19. 55  | 0. 09     | 2344           |
| 6402  |       |     | 29.67                                             |        |           | 11. 2                |         |           | 1759           |
| 6403  |       |     | 29.88                                             |        |           | 10. 8                |         |           | 2275           |
| 6404  | 9574  | 9.0 | 9 34.22                                           | 3.072  | 0.001     | 0 0 43. 4            | 19. 57  | 0. 09     | 1885           |
| 6405  |       |     | 34.31                                             |        |           | 43. 7                |         |           | 2193           |
| 6406  |       | 8.8 | 10 8.16                                           | 3.079  | 0.002     | 1 24 52. 8           | 19. 58  | 0. 09     | 2345           |
| 6407* |       |     | 8.15                                              |        |           | 50. 3                |         |           | 2237           |
| 6408  |       | 9.0 | 11 53.41                                          | 3.076  | 0.001     | 0 43 7. 9            | 19. 61  | 0. 09     | 1886           |
| 6409  |       |     | 53.81                                             |        |           | 8. 8                 |         |           | 2276           |
| 6410  | 9591  | 8.7 | 11 56.21                                          | 3.073  | 0.001     | 0 9 32. 8            | 19. 61  | 0. 09     | 2346           |
| 6411  |       |     | 56.07                                             |        |           | 28. 8                |         |           | 1760           |
| 6412* |       | 9.0 | 13 27.89                                          | 3.078  | 0.002     | 1 8 31. 4            | 19. 64  | 0. 08     | 1887           |
| 6413  |       |     | 28.06                                             |        |           | 30. 7                |         |           | 5297           |
| 6414  | 9624  | 8.7 | 15 57.44                                          | 3.078  | 0.001     | 1 5 27. 3            | 19. 69  | 0. 08     | 1987           |
| 6415  |       |     | 57.47                                             |        |           | 26. 3                |         |           | 1761           |
| 6416* |       | 9.0 | 16 3.19                                           | 3.076  | 0.000     | 0 55 55. 7           | 19. 69  | 0. 08     | 1888           |
| 6417  |       |     | 3.22                                              |        |           | 56. 6                |         |           | 5298           |
| 6418  |       | 9.0 | 16 8.66                                           | 3.079  | 0.001     | 1 24 37. 8           | 19. 69  | 0. 08     | 2347           |
| 6419  |       |     | 8.83                                              |        |           | 35. 2                |         |           | 5299           |
| 6420  |       | 8.7 | 16 14.34                                          | 3.080  | 0.001     | 1 50 10. 8           | 19. 69  | 0. 08     | 2469           |
| 6421  |       |     | 14.37                                             |        |           | 11. 4                |         |           | 2194           |
| 6422  |       | 8.3 | 16 57.80                                          | 3.080  | 0.001     | 1 37 58. 0           | 19. 70  | 0. 08     | 1988           |
| 6423  |       |     | 57.55                                             |        |           | 57. 3                |         |           | 2238           |
| 6424  | 9634  | 6.7 | 17 7.17                                           | 3.074  | 0.000     | 0 23 39. 0           | 19. 70  | 0. 08     | 2445           |
| 6425  |       |     | 7.22                                              |        |           | 42. 7                |         |           | 2277           |
| 6426  |       | 8.4 | 17 19.05                                          | 3.079  | 0.001     | 1 34 4. 7            | 19. 71  | 0. 08     | 5150           |
| 6427  |       |     | 19.38                                             |        |           | 2. 0                 |         |           | 1762           |
| 6428  |       | 9.0 | 17 32.34                                          | 3.074  | 0.000     | 0 23 11. 5           | 19. 71  | 0. 07     | 2348           |
| 6429  |       |     | 32.58                                             |        |           | 9. 2                 |         |           | 6008           |
| 6430  |       | 8.8 | 18 5.78                                           | 3.080  | —0.001    | 1 39 27. 5           | 19. 72  | 0. 07     | 1889           |
| 6431  |       |     | 5.79                                              |        |           | 27. 4                |         |           | 2195           |
| 6432  |       | 9.0 | 18 59.49                                          | 3.076  | 0.000     | 0 54 9. 2            | 19. 73  | 0. 07     | 2349           |
| 6433  |       |     | 60.17                                             |        |           | 7. 4                 |         |           | 2278           |
| 6434  |       | 8.7 | 23 19 11.68                                       | 3.073  | 0.000     | —0 9 26. 7           | +19. 74 | +0. 07    | 1989           |
| 6435  |       |     | 11.62                                             |        |           | 24. 7                |         |           | 2196           |

6407. Decl. unsicher. — 6412. Sehr schwach. — 6416. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                              | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|-----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 6436  |       | 8.7 | 23 <sup>h</sup> 19 <sup>m</sup> 46 <sup>s</sup> .15 | 3.077  | —0.001    | —1° 9' 2''.2         | +19''75 | +0''07    | 1890           |
| 6437* |       | 9.2 | 19 49.01                                            | 3.077  | 0.001     | —1 11 33.5           | 19.75   | 0.07      | 1763           |
| 6438  |       | 8.9 | 21 0.79                                             | 3.072  | 0.000     | +0 2 5.7             | 19.77   | 0.07      | 1990           |
| 6439  |       |     | 0.80                                                |        |           | 6.8                  |         |           | 2197           |
| 6440  |       | 9.0 | 22 8.13                                             | 3.079  | 0.001     | —1 41 7.2            | 19.78   | 0.07      | 2350           |
| 6441  |       |     | 8.09                                                |        |           | 4.6                  |         |           | 5300           |
| 6442  |       | 7.5 | 22 22.47                                            | 3.078  | 0.001     | 1 31 10.5            | 19.78   | 0.07      | 2446           |
| 6443  |       |     | 22.85                                               |        |           | 11.5                 |         |           | 1764           |
| 6444  |       | 9.0 | 22 56.25                                            | 3.079  | 0.001     | 1 44 35.4            | 19.79   | 0.06      | 1891           |
| 6445  |       |     | 56.14                                               |        |           | 35.6                 |         |           | 5301           |
| 6446  | 9679  | 6.5 | 23 5.82                                             | 3.079  | 0.001     | 1 43 24.8            | 19.79   | 0.06      | 1991           |
| 6447  |       |     | 5.91                                                |        |           | 25.0                 |         |           | 2198           |
| 6448  |       | 9.0 | 23 56.48                                            | 3.075  | 0.000     | 0 51 60.9            | 19.81   | 0.06      | 2351           |
| 6449  |       |     | 56.57                                               |        |           | 58.7                 |         |           | 2279           |
| 6450  |       | 8.2 | 24 37.30                                            | 3.077  | 0.001     | 1 17 4.6             | 19.82   | 0.06      | 1892           |
| 6451  |       |     | 37.20                                               |        |           | 7.0                  |         |           | 1765           |
| 6452  |       | 6.7 | 25 32.83                                            | 3.078  | 0.001     | 1 46 36.2            | 19.83   | 0.06      | 1992           |
| 6453  |       |     | 32.69                                               |        |           | 35.2                 |         |           | 2199           |
| 6454  |       | 8.7 | 26 21.95                                            | 3.077  | 0.001     | 1 31 57.3            | 19.84   | 0.06      | 1893           |
| 6455  |       |     | 22.16                                               |        |           | 58.6                 |         |           | 1766           |
| 6456* |       | 8.8 | 26 32.42                                            | 3.074  | 0.000     | 0 30 35.4            | 19.84   | 0.06      | 2447           |
| 6457  |       |     | 32.39                                               |        |           | 33.6                 |         |           | 2239           |
| 6458  | 9710  | 9.0 | 26 34.70                                            | 3.073  | 0.000     | 0 13 43.3            | 19.84   | 0.06      | 2352           |
| 6459  |       |     | 35.07                                               |        |           | 41.6                 |         |           | 2280           |
| 6460  |       | 9.0 | 27 14.09                                            | 3.078  | 0.001     | 1 44 26.4            | 19.85   | 0.06      | 5151           |
| 6461  |       |     | 14.19                                               |        |           | 26.7                 |         |           | 2200           |
| 6462  |       | 9.0 | 27 26.35                                            | 3.077  | 0.001     | 1 28 2.0             | 19.85   | 0.06      | 2353           |
| 6463  |       |     | 26.09                                               |        |           | 0.6                  |         |           | 5302           |
| 6464  | 9719  | 8.7 | 27 42.88                                            | 3.076  | 0.001     | 1 6 52.3             | 19.86   | 0.05      | 1993           |
| 6465  |       |     | 42.77                                               |        |           | 51.8                 |         |           | 2240           |
| 6466  |       |     | 42.74                                               |        |           | 49.7                 |         |           | 5751           |
| 6467  |       | 8.6 | 28 4.22                                             | 3.076  | 0.001     | 1 0 55.6             | 19.86   | 0.05      | 1894           |
| 6468  |       |     | 4.51                                                |        |           | 58.6                 |         |           | 1767           |
| 6469  |       | 9.0 | 28 42.78                                            | 3.074  | 0.000     | 0 29 58.1            | 19.86   | 0.05      | 2470           |
| 6470  |       |     | 43.24                                               |        |           | 59.1                 |         |           | 2492           |
| 6471* |       | 8.8 | 28 58.77                                            | 3.077  | 0.001     | 1 19 15.7            | 19.87   | 0.05      | 2354           |
| 6472  |       |     | 59.10                                               |        |           | 15.2                 |         |           | 2201           |
| 6473  |       |     | 59.18                                               |        |           | 14.6                 |         |           | 2281           |
| 6474  | 9736  | 9.0 | 29 48.29                                            | 3.076  | 0.001     | 1 0 13.6             | 19.88   | 0.05      | 1895           |
| 6475  |       |     | 48.36                                               |        |           | 13.6                 |         |           | 1768           |
| 6476* |       | 9.3 | 31 46.80                                            | 3.077  | 0.001     | 1 31 7.1             | 19.90   | 0.05      | 1896           |
| 6477  |       | 9.0 | 31 51.42                                            | 3.078  | —0.001    | —1 33 42.2           | 19.90   | 0.05      | 1994           |
| 6478  |       |     | 51.26                                               |        |           | 39.5                 |         |           | 2202           |
| 6479  | 9753  | 9.0 | 23 31 54.28                                         | 3.071  | 0.000     | +0 5 22.7            | +19.90  | +0.05     | 2355           |
| 6480  |       |     | 54.15                                               |        |           | 21.2                 |         |           | 2241           |

6437. B. D. —1° N. 4435. — 6456. Sehr schwach. — 6471. An 3 nicht gut stimmenden Fäden. —  
 6476. B. D. —1° N. 4465.



| Nro.  | Schj.    | Gr.  | Rectascension<br>1875.                             | Praec.      | Var. sec.  | Declination<br>1875. | Praec.     | Var. sec. | Beob.-<br>Nro. |
|-------|----------|------|----------------------------------------------------|-------------|------------|----------------------|------------|-----------|----------------|
| 6481  | 9760     | 9.0  | 23 <sup>h</sup> 32 <sup>m</sup> 40 <sup>s</sup> 12 | 3.074       | 0.000      | —0° 34' 5" 0         | +19" 91    | +0" 04    | 2471           |
| 6482  |          |      |                                                    | 40.11       |            | 9. 5                 |            |           | 2282           |
| 6483  |          | 9.0  | 33 2.39                                            | 3.077       | —0.001     | 1 40 14. 1           | 19. 92     | 0. 04     | 2356           |
| 6484* |          |      |                                                    | 2.41        |            | 14. 1                |            |           | 2283           |
| 6485  |          | 8.8  | 33 19.85                                           | 3.076       | 0.001      | 1 25 58. 5           | 19. 92     | 0. 04     | 2448           |
| 6486  |          | 9.0  | 20.20                                              |             |            | 58. 4                |            |           | 1769           |
| 6487  |          |      | 33 34.74                                           | 3.076       | —0.001     | 1 26 33. 7           | 19. 92     | 0. 04     | 1897           |
| 6488  |          |      |                                                    | 34.99       |            | 36. 3                |            |           | 1995           |
| 6489  |          |      |                                                    | 34.72       |            | 35. 1                |            |           | 2242           |
| 6490  |          | 7.5  | 34 16.88                                           | 3.073       | 0.000      | 0 16 34. 2           | 19. 93     | 0. 04     | 2472           |
| 6491  |          | 8.2  | 16.81                                              |             |            | 33. 3                |            |           | 2093           |
| 6492  |          |      | 34 17.95                                           | 3.075       | 0.000      | 1 4 30. 6            | 19. 93     | 0. 04     | 2449           |
| 6493  |          |      |                                                    | 18.05       |            | 31. 9                |            |           | 2493           |
| 6494  |          | 8.8  | 34 29.68                                           | 3.076       | 0.000      | 1 25 54. 8           | 19. 93     | 0. 04     | 2357           |
| 6495  |          |      |                                                    | 30.10       |            | 53. 7                |            |           | 2494           |
| 6496  | 9785     | 8.8  | 35 29.05                                           | 3.074       | +0.001     | 0 41 24. 4           | 19. 94     | 0. 04     | 1996           |
| 6497  |          | 9.0  | 28.98                                              |             |            | 23. 4                |            |           | 1770           |
| 6498  |          |      | 35 30.60                                           | 3.077       | 0.000      | 1 47 23. 1           | 19. 94     | 0. 04     | 1898           |
| 6499  | 9791     | 8.5  | 30.45                                              |             |            | 23. 2                |            |           | 2203           |
| 6500  |          |      | 36 31.96                                           | 3.073       | 0.001      | 0 27 17. 4           | 19. 95     | 0. 04     | 2358           |
| 6501  |          |      | 32.00                                              |             |            | 16. 7                |            |           | 2243           |
| 6502  |          | 8.1  | 36 53.75                                           | 3.074       | 0.001      | 0 50 56. 6           | 19. 95     | 0. 04     | 2450           |
| 6503  |          |      |                                                    | 53.50       |            | 56. 9                |            |           | 2284           |
| 6504  |          | 8.0  | 36 54.44                                           | 3.076       | 0.000      | —1 24 7. 8           | 19. 95     | 0. 04     | 1997           |
| 6505  | 9806     | 8.3  | 54.42                                              |             |            | 5. 3                 |            |           | 2056           |
| 6506  |          |      | 37 54.09                                           | 3.072       | 0.001      | +0 1 11. 3           | 19. 96     | 0. 03     | 1899           |
| 6507  |          |      |                                                    | 54.28       |            | 10. 1                |            |           | 1771           |
| 6508  |          | 7.3  | 38 35.56                                           | 3.075       | 0.000      | —1 21 15. 5          | 19. 97     | 0. 03     | 2859           |
| 6509  |          | 9.0  | 35.64                                              |             |            | 16. 7                |            |           | 2057           |
| 6510  | 38 52.57 |      | 3.076                                              | 0.000       | 1 40 15. 6 | 19. 97               | 0. 03      | 1998      |                |
| 6511  | 9823     | 8.2  | 52.03                                              |             |            | 13. 7                |            |           | 2204           |
| 6512* |          |      | 39 35.91                                           | 3.073       | 0.001      | 0 25 48. 1           | 19. 97     | 0. 03     | 1900           |
| 6513  |          |      |                                                    | 36.06       |            | 49. 9                |            |           | 1772           |
| 6514* |          | 9.0  | 39 54.63                                           | 3.073       | 0.001      | 0 7 41. 8            | 19. 98     | 0. 03     | 2451           |
| 6515  |          |      |                                                    | 54.65       |            | 44. 2                |            |           | 2285           |
| 6516  |          | 7.9  | 40 10.55                                           | 3.073       | 0.001      | 0 9 46. 8            | 19. 98     | 0. 03     | 2452           |
| 6517  |          | 7.5  | 10.78                                              |             |            | 48. 7                |            |           | 2094           |
| 6518  |          |      | 41 17.73                                           | 3.075       | 0.000      | 1 27 19. 3           | 19. 99     | 0. 03     | 1901           |
| 6519  |          | 8.5  | 17.95                                              |             |            | 20. 0                |            |           | 1773           |
| 6520  |          |      | 41 47.89                                           | 3.075       | 0.000      | 1 28 7. 9            | 19. 99     | 0. 03     | 1999           |
| 6521  |          | 8.7  | 47.59                                              |             |            | 5. 9                 |            |           | 2058           |
| 6522  |          |      | 42 33.31                                           | 3.073       | 0.001      | 0 14 60. 1           | 20. 00     | 0. 03     | 2361           |
| 6523  |          |      |                                                    | 33.54       |            | 58. 9                |            |           | 2205           |
| 6524  |          |      |                                                    | 33.37       |            | 58. 8                |            |           | 2286           |
| 6525  |          | 9907 | 7.9                                                | 23 47 28.01 | 3.072      | +0.001               | —0 5 56. 4 | +20. 02   | +0. 02         |

6484. Sehr hell, geschätzt 7<sup>m</sup>5. — 6512. Duplex, sehr ungleich an Helligkeit. — 6514. Sehr schwach.



| Nro.  | Schj. | Gr. | Rectascension<br>1875.                             | Praec. | Var. sec. | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|-------|-------|-----|----------------------------------------------------|--------|-----------|----------------------|---------|-----------|----------------|
| 6526  |       |     | 23 <sup>h</sup> 47 <sup>m</sup> 27 <sup>s</sup> 88 |        |           | —0° 5' 54" 5         |         |           | 1774           |
| 6527  |       | 9.0 | 47 46.29                                           | 3.073  | +0.001    | 0 16 58.8            | +20" 02 | +0" 01    | 1902           |
| 6528  |       |     | 46.43                                              |        |           | 59.6                 |         |           | 2206           |
| 6529  |       | 9.0 | 48 10.67                                           | 3.074  | 0.000     | —1 16 49.4           | 20.03   | 0.01      | 2362           |
| 6530  |       |     | 10.46                                              |        |           | 51.6                 |         |           | 2287           |
| 6531* | 9914  | 8.9 | 48 15.24                                           | 3.072  | 0.001     | +0 4 35.3            | 20.03   | 0.01      | 2453           |
| 6532* |       |     | 15.25                                              |        |           | 35.8                 |         |           | 2244           |
| 6533  |       | 6.2 | 48 22.84                                           | 3.073  | 0.001     | —0 35 9.7            | 20.03   | 0.01      | 2473           |
| 6534  |       |     | 22.75                                              |        |           | 9.4                  |         |           | 5303           |
| 6535  |       | 8.5 | 48 27.37                                           | 3.073  | 0.001     | 0 58 37.0            | 20.03   | 0.01      | 2001           |
| 6536  |       |     | 27.28                                              |        |           | 36.4                 |         |           | 2095           |
| 6537  |       |     | 27.18                                              |        |           | 36.4                 |         |           | 2207           |
| 6538  |       | 9.0 | 48 58.22                                           | 3.074  | 0.000     | —1 46 27.9           | 20.03   | 0.01      | 1903           |
| 6539  |       |     | 58.26                                              |        |           | 29.0                 |         |           | 1775           |
| 6540  | 9919  | 9.0 | 49 9.70                                            | 3.072  | 0.001     | +0 0 0.4             | 20.03   | 0.01      | 2363           |
| 6541  |       |     | 9.75                                               |        |           | 0.8                  |         |           | 2288           |
| 6542  |       | 9.0 | 49 27.13                                           | 3.073  | 0.000     | —1 15 21.7           | 20.03   | 0.01      | 2474           |
| 6543  |       |     | 27.19                                              |        |           | 23.6                 |         |           | 5304           |
| 6544  |       | 8.8 | 50 2.56                                            | 3.072  | 0.001     | 0 12 52.3            | 20.04   | 0.01      | 5152           |
| 6545  |       |     | 2.58                                               |        |           | 50.6                 |         |           | 5752           |
| 6546  |       | 8.5 | 50 3.37                                            | 3.074  | 0.000     | 1 37 41.0            | 20.04   | 0.01      | 5219           |
| 6547  |       |     | 3.31                                               |        |           | 39.2                 |         |           | 2495           |
| 6548* |       | 9.0 | 50 —                                               | 3.073  | 0.000     | 1 17 2.0             | 20.04   | 0.01      | 6009           |
| 6549* |       |     | 2.61                                               |        |           | 0.2                  |         |           | 5305           |
| 6550  |       | 9.0 | 50 13.14                                           | 3.072  | 0.001     | 0 0 9.8              | 20.04   | 0.01      | 2364           |
| 6551* |       |     | 13.37                                              |        |           | 8.4                  |         |           | 2245           |
| 6552  |       | 9.0 | 50 25.18                                           | 3.073  | 0.000     | 1 12 19.9            | 20.04   | 0.01      | 1904           |
| 6553  |       |     | 25.45                                              |        |           | 22.8                 |         |           | 2475           |
| 6554  |       |     | 25.22                                              |        |           | 24.2                 |         |           | 2208           |
| 6555  | 9937  | 8.6 | 51 40.66                                           | 3.073  | 0.001     | 0 49 26.0            | 20.04   | +0.01     | 2002           |
| 6556  |       |     | 40.76                                              |        |           | 25.6                 |         |           | 1776           |
| 6557  |       | 9.0 | 52 45.45                                           | 3.073  | 0.001     | 1 16 43.0            | 20.04   | 0.00      | 1905           |
| 6558  |       |     | 45.24                                              |        |           | 44.2                 |         |           | 2496           |
| 6559  |       | 8.5 | 52 46.09                                           | 3.073  | 0.001     | 1 11 41.6            | 20.04   | 0.00      | 2454           |
| 6560  |       |     | 46.77                                              |        |           | 42.0                 |         |           | 2246           |
| 6561  | 9947  | 7.0 | 53 22.42                                           | 3.073  | 0.001     | 0 58 31.8            | 20.05   | 0.00      | 2003           |
| 6562  |       |     | 22.23                                              |        |           | 32.2                 |         |           | 1777           |
| 6563  | 9951  | 7.3 | 53 46.75                                           | 3.073  | 0.001     | 1 3 22.2             | 20.05   | 0.00      | 2476           |
| 6564  |       |     | 46.88                                              |        |           | 23.0                 |         |           | 5306           |
| 6565  |       | 8.1 | 54 14.52                                           | 3.072  | 0.001     | 0 28 21.8            | 20.05   | 0.00      | 1906           |
| 6566  |       |     | 14.65                                              |        |           | 26.2                 |         |           | 2289           |
| 6567  |       | 8.0 | 54 45.58                                           | 3.072  | 0.001     | 0 46 10.5            | 20.05   | 0.00      | 5153           |
| 6568  |       |     | 45.60                                              |        |           | 11.7                 |         |           | 1778           |
| 6569  |       | 8.8 | 23 55 3.56                                         | 3.072  | +0.001    | —0 23 40.3           | +20.05  | 0.00      | 2477           |
| 6570  |       |     | 3.47                                               |        |           | 40.9                 |         |           | 2209           |

6531, 6932. Bei beiden Beobachtungen war der Nonius falsch abgelesen. Sie sind mit Schj. u. Bessel in Uebereinstimmung gebracht worden, da in den aus den Ablesungen folgende Positionen keine Sterne vorhanden sind. In A. R. war die Uebereinstimmung vollkommen. — 6548. Kaum zu sehen Decl. schlecht aber \* zwischen d. Fäden. Keine A. R. — 6549. Dupl. im Parallel, 9<sup>m</sup>1 u. 9<sup>m</sup>3, d = 10", sequens (helleren) beob. — 6551. Decl. unsicher.



| Nro. | Schj. | Gr. | Rectascension<br>1875.                              | Praec.              | Var. sec.            | Declination<br>1875. | Praec.  | Var. sec. | Beob.-<br>Nro. |
|------|-------|-----|-----------------------------------------------------|---------------------|----------------------|----------------------|---------|-----------|----------------|
| 6571 |       | 9.0 | 23 <sup>h</sup> 55 <sup>m</sup> 17 <sup>s</sup> .45 | 3 <sup>s</sup> .073 | +0 <sup>s</sup> .001 | —1° 50' 9" 7         | +20" 05 | 0" 00     | 2365           |
| 6572 |       |     | 17.58                                               |                     |                      | 12. 6                |         |           | 2497           |
| 6573 |       | 8.7 | 55 18.10                                            | 3.073               | 0.001                | 0 54 36. 7           | 20. 05  | 0. 00     | 2004           |
| 6574 |       |     | 18.11                                               |                     |                      | 34. 7                |         |           | 2247           |
| 6575 |       | 9.0 | 55 34.06                                            | 3.072               | 0.002                | 0 33 57. 9           | 20. 05  | 0. 00     | 5220           |
| 6576 |       |     | 34.20                                               |                     |                      | 56. 9                |         |           | 2059           |
| 6577 | 9964  | 8.9 | 55 42.05                                            | 3.072               | 0.002                | 0 16 52. 4           | 20. 05  | 0. 00     | 5154           |
| 6578 |       |     | 41.81                                               |                     |                      | 50. 7                |         |           | 5307           |
| 6579 |       | 9.0 | 55 49.26                                            | 3.073               | 0.001                | 1 10 53. 7           | 20. 05  | 0. 00     | 5266           |
| 6580 |       |     | 49.42                                               |                     |                      | 53. 0                |         |           | 5308           |
| 6581 |       | 8.0 | 56 32.58                                            | 3.073               | 0.001                | 1 35 20. 6           | 20. 05  | 0. 00     | 1907           |
| 6582 |       |     | 32.73                                               |                     |                      | 22. 5                |         |           | 2248           |
| 6583 | 9974  | 9.0 | 56 53.24                                            | 3.073               | 0.002                | 0 51 29. 0           | 20. 05  | 0. 00     | 2366           |
| 6584 |       |     | 53.35                                               |                     |                      | 29. 1                |         |           | 2210           |
| 6585 |       | 9.0 | 57 50.95                                            | 3.072               | 0.002                | 0 42 14. 4           | 20. 05  | —0. 01    | 2005           |
| 6586 |       |     | 50.69                                               |                     |                      | 13. 3                |         |           | 1779           |
| 6587 |       | 8.7 | 58 17.16                                            | 3.073               | 0.001                | 1 45 18. 9           | 20. 05  | 0. 01     | 2367           |
| 6588 |       |     | 17.32                                               |                     |                      | 18. 2                |         |           | 2249           |
| 6589 |       |     | 17.27                                               |                     |                      | 19. 0                |         |           | 2290           |
| 6590 | 9983  | 8.5 | 58 21.02                                            | 3.073               | 0.002                | 0 38 22. 9           | 20. 05  | 0. 01     | 2478           |
| 6591 |       |     | 20.91                                               |                     |                      | 23. 0                |         |           | 2060           |
| 6592 |       | 7.0 | 58 39.36                                            | 3.073               | 0.001                | 1 11 48. 2           | 20. 05  | 0. 01     | 1908           |
| 6593 |       |     | 39.29                                               |                     |                      | 49. 9                |         |           | 2096           |
| 6594 | 9991  | 8.2 | 23 59 43.84                                         | 3.072               | +0.002               | —0 34 29. 0          | +20. 05 | —0. 01    | 2006           |
| 6595 |       |     | 43.71                                               |                     |                      | 27. 5                |         |           | 1780           |

## BERICHTIGUNGEN.

- S. 10 Nr. 443 muss Schj's Nr. 553 hinzugefügt werden.  
 „ 36 „ 1618 Schj's Nr. muss heissen 1826 statt 1825.  
 „ 45 „ 2004 Decl. muss heissen 0°22' statt 0°23'.  
 „ 99 „ 4439 muss Schj's Nr. 5593 hinzugefügt werden.  
 „ 111 „ 4964 „ „ „ 6693 „ „  
 „ 113 „ 5041 Der Decl. muss ein + vorgesetzt werden.  
 „ 135 „ 6034 muss Schj's Nr. 8916 hinzugefügt werden.



**Göttingen,**  
Druck der Dieterichschen Univ.-Buchdruckerei.  
**W. Fr. Kaestner.**







# MITTLERE OERTER

der

in den Zonen  $-0^{\circ}$  und  $-1^{\circ}$  der Bonner Durchmusterung

enthaltenen

# STERNE

bis zu  $9^m0$  Grösse beobachtet und auf 1875.0 reducirt

von

**Dr. Ralph Copeland und Dr. Carl Börgen,**

Assistenten der Königl. Sternwarte zu Göttingen.

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GÖTTINGEN 1869.

VERLAG VON ADALBERT RENTE.

Druck der Univ.-Buchdruckerei von W. Fr. Kaestner in Göttingen.



















Copeland, Ralph

Mittlere Verter der in den Zonen -0? und 1? der Bonner Durchmusterung,  
enthaltenen Sterne bis zu 9 mg Grösse beobachtet und auf 1875.0 reducirt  
von Ralph Copeland und Carl Börgen

Göttingen 1869

4 Eph.astr. 76 m-1

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